

20011202.ba.v03_n26001006440000072000000310000007110007414301220013305 0ustar
modenaftp-admin20011202.ba v03_n260.bam.20011202

>From ???@??? Sun Dec 2 14:45:39 2001 -0600
Message-Id: <200112022045.fB2KjS57003353@sco.theporch.com>
Date: Sun, 2 Dec 2001 14:44:43 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3260

BOATANCHORS Digest 3260

Topics covered in this issue include:

- 1) Re: Plate Modulating a DX-40 with Eico 730
by "russ dworakowski" <wb3fau@hotmail.com>
- 2) ADMINISTRIVIA: Buying and Selling Guidelines
by listown@nanniandjack.com (Mail List Owner)
- 3) Why ? (ARC 5 question)
by john <johnmb@nc.rr.com>
- 4) RE: Why ? (ARC 5 question)
by "Richard W. Solomon" <w1kszt@tiac.net>
- 5) Re: Why ? (ARC 5 question)
by Michael Hanz <AAFRadio@erols.com>
- 6) Wanted GRC-109 receiver
by Gary Pewitt N9ZSV <gpewitt@execpc.com>
- 7) Looking for a Plug-In Coil
by "Joe Curry" <jjcurry_trilix@compuserve.com>
- 8) FS: NC-88 receiver
by Avery Comarow <acomarow@usnews.com>
- 9) BC 640 trnasmitter questions some bc-639 and need some help HELP!!
by "ed sharpe" <esharpe@uswest.net>
- 10) Re: BC 640 trnasmitter questions some bc-639 and need some help HELP!!
by "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
- 11) Re: BC 640 trnasmitter questions some bc-639 and need some help HELP!!
by "ed sharpe" <esharpe@uswest.net>
- 12) "Muntz-ing" revealed
by "Steve" <scb@fly.hiwaay.net>
- 13) Re: Why ? (ARC 5 question)
by "Brian Goldsmith" <brian.goldsmith@echo1.com.au>
- 14) FS: crystals, military connectors, books
by Avery Comarow <acomarow@usnews.com>
- 15) French tx ??
by BEN NOCK <G4BXD@compuserve.com>
- 16) Valve specs ?
by BEN NOCK <G4BXD@compuserve.com>
- 17) HP Test Equipment Repair?
by David Stinson <arc5@ix.netcom.com>

18) Re: Wanted GRC-109 receiver
by "Dick Dillman" <ddillman@igc.org>
19) WTB: GR 650 plug
by Dave Metz <metzd@intelos.net>
20) Re: "Muntz-ing" revealed
by "ed sharpe" <esharpe@uswest.net>
21) Re: [BoatAnchors] RE: [MilSurplus] BC 640 trnasmitter questions some bc-639
and need some help HELP!!
by "ed sharpe" <esharpe@uswest.net>

From: "russ dworakowski" <wb3fau@hotmail.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Plate Modulating a DX-40 with Eico 730
Date: Sat, 01 Dec 2001 13:47:34 -0500
Mime-Version: 1.0
Content-Type: text/plain; format=flowed
Message-ID: <LAW2-F72wACKWHZqYW800012030@hotmail.com>

Guys, I used the Eico 730 modulate a Johnson Adventurer. No trick at all.
Same output tube as the DX-40, no mention of the screen modulating in the
Johnson info. The Adventurer really talks too! Russ

>From: "Grant Youngman" <nq5t@home.com>
>Reply-To: nq5t@home.com
>To: Old Tube Radios <boatanchors@theporch.com>
>Subject: Plate Modulating a DX-40 with Eico 730
>Date: Sun, 25 Nov 2001 10:16:49 -0600
>
>Gents ...
>
>Back in the early 60's I ran a DX-40 with an Eico 730 modulator. Trying
>to do that again.
>
>I vaguely recall (really vaguely!) that I had to feed the 6146 screen in
>the DX-40 from the modulated HV through maybe a 25-30K resistor at 20
>watts or so.
>
>There were instructions with my original 730 kit, but the manual copy I
>now have or the copy at BAMA doesn't contain the info.
>
>Anyone have the original instructions, or perhaps a suggestion on the best
>way to feed/modulate the 6146 screen?
>
>Thanks .. Grant
>-----
>Grant Youngman / NQ5T

>nq5t@home.com
><http://www.globeking.com>
>Double Oak, TX -- nr Dallas
>

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Message-Id: <200112011915.fB1JF0UC011331@osr506.nanniandjack.com>
From: listown@nanniandjack.com (Mail List Owner)
To: Old Tube Radios <boatanchors@theporch.com>
Subject: ADMINISTRIVIA: Buying and Selling Guidelines
Date: Sat, 1 Dec 2001 11:15:00 -0800 (PST)

Gang-

This periodic posting is intended as a gentle nudge and suggestion which should improve the quality of posts to the BoatAnchors list, and maintain our excellent (and high) signal to noise ratio...

The list culture has developed to include "for sale" and "wanted" posts. Originally, all buying and selling traffic was focused on finding parts to complete a restoration. As the list has evolved, there has been an increase in buying and selling activity, which may not be all bad.

There is, however, a real need to observe certain conventions, lest this otherwise benign activity turn into a real disturbance to the real purpose of the list: discussions of radio equipment using vacuum tubes, including the life and times of the designers and users of such gear.

Please observe these guidelines:

There is never a reason for an auction post or update on the Boatanchors List... comments about gear at auction elsewhere are noise, and those who would care already visit the auction sites, and those who do not frequent the auctions do not want to hear about it... simple policy -- keep this off the list!

- 1) LIMIT the frequency of for sale postings... once a month is a good starting point
- 2) DO NOT post endless "xxx is sold" to the entire list... you offered it for sale, and it is not considerate of list resources (which include the time and energy of the other list members) to burden

the list with these senseless notices. Use direct email to those who responded, or, if you don't want to answer them personally, just don't use the list to advertise them for sale!

- 3) AVOID even the mere faint appearance that you are posting items for sale as a regular adjunct to your business dealings. This has become more of a problem lately with some long lists showing up regularly on the main list, or with dealers who appear to be using the list for their personal advertising advantage. Failure to observe these basics *will* result in banishment from the list -- just don't do it! When even a shadow of doubt creeps in, read the "Welcome" message again... it spells it out!
- 4) DO be considerate of those on the list in your for sale or wanted postings. Keep them short, infrequent, and ONLY include items specifically appropriate to the list -- NO solid state gear is obvious, but try to avoid pushing the envelope in any area.
- 5) LONG lists and estate offerings should be sent to me at:
listtown@nanniandjack.com
so they may be uploaded to the archives for email, web, or ftp retrieval.
- 6) We now have a web page up. Go to:
<http://www.theporch.com>
and follow the "ListProc Web Interface" Link to get registered and use the web interface, which allows searching of previous articles and the archived text files.

Thanks for your understanding and help in making the boatanchors list have the highest signal to noise on the InterNet.

--

73

Jack, W4KH/Mobile - - - BoatAnchor Mailing List Owner - - -
listtown@nanniandjack.com - "Plus ca change, plus c'est la meme chose"

"Il n'y a que les idiots qui ne changent jamais d'idee"

Sat Dec 1 11:15:00 PST 2001

Message-Id: <3.0.3.32.20011201163428.01818d54@pop-server.nc.rr.com>
Date: Sat, 01 Dec 2001 16:34:28 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: john <johnmb@nc.rr.com>
Subject: Why ? (ARC 5 question)
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Wondering what was so special about this ARC-5 that it went for \$214? Can someone educate an unwashed one who obviously doesn't

know their ARC5 values (me!).

<http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1301725435>

From: "Richard W. Solomon" <w1kszt@tiac.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Why ? (ARC 5 question)
Date: Sat, 1 Dec 2001 17:05:04 -0500
Message-ID: <LOBBJFMMJJCIMIAGBJLKEACGJAA.w1kszt@tiac.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

It is a quite rare one, covers the upper BC band. I remember a couple of non-hams who started their own low power BC station near Boston. Had quite a following, until they asked for a listener poll and gave a mailing address ... Not too swift. Considering the missing parts, that's quite a price though.

73, Dick, W1KSZ

-----Original Message-----
From: owner-boatanchors@theporch.com
[mailto:owner-boatanchors@theporch.com]On Behalf Of john
Sent: Saturday, December 01, 2001 4:34 PM
To: Old Tube Radios
Subject: Why ? (ARC 5 question)

Wondering what was so special about this ARC-5 that it went for \$214? Can someone educate an unwashed one who obviously doesn't know their ARC5 values (me!).

<http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1301725435>

Message-ID: <3C0954CC.7FF327E@erols.com>
Date: Sat, 01 Dec 2001 17:08:12 -0500
From: Michael Hanz <AAFRadio@erols.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>, arc5@qth.net
Subject: Re: Why ? (ARC 5 question)
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

john wrote:

>

> Wondering what was so special about this ARC-5 that it went
> for \$214? Can someone educate an unwashed one who obviously doesn't
> know their ARC5 values (me!).

Very simply put, supply and demand. The three MF transmitters (and their associated TN-6/ARC-5 MF antenna loading unit) were only produced under one small contract by Aircraft Radio Corp. - NXsa-32848. I don't have the production figures handy, but they're pretty small - the highest serial number I have ever seen on a sample of a dozen or so is 500 or less. Anybody got one with a higher SN? For some strange reason, the rarest of these transmitters is the T-15, though the T-17 that just sold is a much more usable unit, since it covers the 160M band. Same high quality construction as the higher frequency units, but with some interesting twists. Their original intended (and actual) use has been a matter of some debate on other reflectors, and I won't start another one here. :-). There is a small group of enthusiasts who have applied for an experimental license in the 400-500kHz range, so someday we may get a chance to actually hear a T-15/ARC-5 on the air again!

73,

Mike Hanz KC4TOS

Message-Id: <5.1.0.14.0.20011201172002.00aa0e50@mail.execpc.com>

Date: Sat, 01 Dec 2001 17:20:53 -0600

To: Old Tube Radios <boatanchors@theporch.com>

From: Gary Pewitt N9ZSV <gpewitt@execpc.com>

Subject: Wanted GRC-109 receiver

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

I am sending this for Bruce, please reply to him not me. Thanks Gary

I,m trying to find a grc109 receiver also called the r-1004. it doesn,t matter if the set is not working or not.

I have seen many military radio's but I do not remember having seen one of these. If anyone would have

one that they would be willing to send to some one who would appreciate it, please contact me. please keep my email address

fisherman12@msn.com, and if you would come across one that is available, please let me know. If the transmitter is also part of a package, thats ok. My email may come across with a business name on it, thats me, the radio is for me

I operate a business out of the house.

Thank you very much

Regards, Bruce

Gary Pewitt N9ZSV
6120 W. Calumet Rd. Apt 204
Milwaukee, WI 53223
Sturgeon's Law " Ninety percent of everything is crap."

Message-ID: <002501c17ac2\$b7bf5ba0\$1d10c0d8@computer>
From: "Joe Curry" <jjcurry_trilix@compuserve.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Looking for a Plug-In Coil
Date: Sat, 1 Dec 2001 15:48:35 -0800
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

My Fellow BA Enthusiasts:

I am looking for a B&W plug-in coil to finish up a project. I need a 20JCL or 20JVL. Either of these will work. I could also use a Bud OCL-20. These are 50-75 watt 5-pin plug-in coils. Will purchase outright or swap for an 80JEL or a 40JEL if desired.

Please reply to k3ico@arrl.net

73 and thanks,

Joe Curry
K3ICO
AMI #721

Message-Id: <3.0.6.32.20011201213319.007a3cf0@pop3.norton.antivirus>
Date: Sat, 01 Dec 2001 21:33:19 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Avery Comarow <acomarow@usnews.com>
Subject: FS: NC-88 receiver
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Untested.

Cosmetically VG+ to E. No dents or extra holes. One extremely small scratch on the front panel that I had to hunt for, a few typical scrapes on the top. Chassis is very clean, no corrosion. The previous owner installed a Knight 100kc xtal calibrator on top of the chassis. I have an original manual for that. Power cord is in good shape. The main tuning dial needs

restringing. The former owner put dial scales underneath the nuts of three controls--five minutes with a socket wrench will take care of that. All knobs original.

With manual.

\$75 plus shipping.

Date: Sat, 1 Dec 2001 20:32:02 -0700
Message-ID: <005f01c17ae1\$e960ccb0\$0100a8c0@smeccxp>
From: "ed sharpe" <esharpe@uswest.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "Old Tube Radios" <boatanchors@theporch.com>,
BOATANCHORS@LISTSERV.TEMPE.GOV, boatanchors@qth.net
Subject: BC 640 trnasmmitter questions some bc-639 and need some help HELP!!
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Greetings from the museum!

went for a merry romp in mesa az at the hamfest this morning! Was great to met a few of the listserv folks in person that had not met before....Thanks to those that heaped stuff on us to add to the reference library!

Ok now for the questions.....Got a BC- 640 that is BROWN rather than green.... this was painted over on the panels, however when inspecting the rack the rack appears to be brown over primer coat.

Why is it brown? Is there significance to this? It was really kind of interesting, the fellow I got it from had some spare modules (nice green one) on the table and a picture of the transmitter hanging up.... I thought the transmitter looked odd but assumed it was the color balance on the shot or the printing.. but... it really was that color! (surprise!)

the nice part of this deal was it was delivered to the museum! now here is the thought to ponder....

if the brown has signafance we should leave it brown for the display, otherwise repaint it green as the one was knew as a child and the one I worked on at Luke AFB.

next color enigma:

A GREY BC-639 Receiver! it says on the tags... one us signal corps the other..... REFURBISHED BY US NAVY! (I am sure part of the referb was to color it like a battleship!)

any notes on when and why etc etc etc?

There is also one of the spare rack units for the BC 640 that is.....
BLUE! and appears to have been all it's life!
If anyone can shed any light on this fill us in!

also, since we are now apparently having a 640 and 639 display we are
looking for pictures of these things in action, anything related to them in
the way of personal stories to add to the website whatever and whatever if
it is 640 and 639 related!

thanks Ed '640 thumper' Sharpe archivist for smecc

Date: Sat, 1 Dec 2001 23:05:13 -0500 (EST)
From: "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
Message-Id: <200112020405.XAA10738@aa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: BOATANCHORS@LISTSERV.TEMPE.GOV, boatanchors@qth.net
Subject: Re: BC 640 trnasmmitter questions some bc-639 and need some help HELP!!

Delta Airlines used BC640s on thir "airways" fm 1946-1952. Aircraft uesed
ARC4s & ARC1s.

Know John W4KMR that installed 'em all & phased out all Wilcox Gay HF
jobbies with 450THs (suppoed big headache tube)

The 3C24s in the BC640s were reported problem children in their own rite.

So ur blue BC640 rack may be Delta surplus!

Marty

...AWA 'test doing fb. In fact just had a FB7 -to- FB7 qso w. W8KGI (NM).
1100mi apart / 10W each end / S3-S6 both sides.

lotsa sig.s ~3550 & no rtty or light dimmers just now - hence
low noise floor! YAY

Date: Sat, 1 Dec 2001 21:26:50 -0700
Message-ID: <007901c17ae9\$90b03440\$0100a8c0@smeccxp>
From: "ed sharpe" <esharpe@uswest.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: BOATANCHORS@LISTSERV.TEMPE.GOV, boatanchors@qth.net

Subject: Re: BC 640 trnasmmitter questions some bc-639 and need some help HELP!!
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

ok it is not a the rack it is the actual module that slides in the rack
but blue is one of the delta colors as I recall!

anyway since I have some green, never been used components that I got as
spares for this I think I need to find a green rack and a few other
components to complete a second unit.....

heh heh went thru this with apx- 6's but this takes more room!

ed!

----- Original Message -----

From: "Marty's Refl. Drop" <polepeeg@aaa4rm.ba-watch.org>
To: <boatanchors@theporch.com>; <esharpe@uswest.net>
Cc: <BOATANCHORS@LISTSERV.TEMPE.GOV>; <boatanchors@qth.net>
Sent: Saturday, December 01, 2001 9:05 PM
Subject: Re: BC 640 trnasmmitter questions some bc-639 and need some help
HELP!!

> Delta Airlines used BC640s on thir "airways" fm 1946-1952. Aircraft uesed
> ARC4s & ARC1s.
>
> Know John W4KMR that installed 'em all & phased out all Wilcox Gay HF
> jobbies with 450THs (suppoed big headache tube)
>
> The 3C24s in the BC640s were reported problem children in their own rite.
>
> So ur blue BC640 rack may be Delta surplus!
>
> Marty
>
> ...AWA 'test doing fb. In fact just had a FB7 -to- FB7 qso w. W8KGI (NM).
> 1100mi apart / 10W each end / S3-S6 both sides.
>
> lotsa sig.s ~3550 & no rtty or light dimmers just now - hence
> low noise floor! YAY
>
>

Message-Id: <200112020439.fB24dQhM004609@mail.hiwaay.net>
From: "Steve" <scb@fly.hiwaay.net>
To: Old Tube Radios <boatanchors@theporch.com>
Date: Sat, 1 Dec 2001 22:39:00 +0000
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Subject: "Muntz-ing" revealed

Greetings;

I remember the time I first saw a diagram of a Muntz TV and marveled how few parts it had. Never heard the whole story, tho it may be old stuff to most of you and just for fun for the rest of us.

<<http://www.national.com/rap/Story/0,1562,17,00.html> >

Enjoy; Steve

Message-ID: <00b601c17b14\$147dddc0\$e7168490@workstation2>
From: "Brian Goldsmith" <brian.goldsmith@echo1.com.au>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Why ? (ARC 5 question)
Date: Sun, 2 Dec 2001 20:31:10 +1100
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Michael wrote:-

 Their original intended (and actual) use
has been a matter of some debate on other reflectors, and I won't start another one here.

Hey Michael ,why not,I'm certainly interested,regards,Brian Goldsmith.

Message-Id: <3.0.6.32.20011202061247.007a5990@pop3.norton.antivirus>
Date: Sun, 02 Dec 2001 06:12:47 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Avery Comarow <acomarow@usnews.com>
Subject: FS: crystals, military connectors, books
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Shipping included in price.

Crystals:

Prefer to sell as a lot for \$20 but will break up at \$4 apiece.
CR-23/U holders: 52.85000 mc, 50.27000 mc, 34.9000 mc, 10012.5 kc.
FT-243 holders: (2) 8323.333 kc.

Connectors:

(1) Large Amphenol military connector, AN 3108-16-10P (3 large male pins)
connector mated with AN 3057-8 right-angle cable clamp. Looks unused. \$4
(1) CN 49120 thru-chassis connector, no mfr., single large center pin.
Unused. \$2

Books:

TM 11-455 Radio Fundamentals, July 17, 1941, 142 pages, paper, VG
condition, \$10
Color Television Fundamentals by Milton S. Kiver, McGraw-Hill, 1955,
hardback, 312 pages, VG condition, \$10

Date: Sun, 2 Dec 2001 11:38:39 -0500
From: BEN NOCK <G4BXD@compuserve.com>
Subject: French tx ??
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <200112021138_MC3-E91D-55BF@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
 charset=ISO-8859-1
Content-Disposition: inline

I have a French made but German used set, =

transmitter ERT-282, made by CIT, Paris, but used =

in German a/c. It uses a QB 3/300 in the pa, 2 x 3T100
in the mod with a 4Y50 driver. I would like to try and get the
set going of course, so, I need a circuit diagram !!

(also known as Sender EM-27A)

If anyone can help I'd be most obliged. =

73, Ben G4BXD.

Date: Sun, 2 Dec 2001 11:38:46 -0500
From: BEN NOCK <G4BXD@compuserve.com>
Subject: Valve specs ?
To: Old Tube Radios <boatanchors@theporch.com>

Message-ID: <200112021139_MC3-E91D-55C8@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Can anyone help with specs on the following valves:

QB 3/300
3T100
4Y50

cheers, Ben. G4BXD.

Message-ID: <3C0A5D5E.B777265F@ix.netcom.com>
Date: Sun, 02 Dec 2001 10:57:02 -0600
From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: HP Test Equipment Repair?
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Anyone know if there's an outfit that will repair
lab-grade HP equipment for less than the cost of a new car?
I've got a freq. synthesizer that needs help.
73 Dave S.

From: "Dick Dillman" <ddillman@igc.org>
To: Old Tube Radios <boatanchors@theporch.com>
Date: Sun, 2 Dec 2001 10:49:26 -0800
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Subject: Re: Wanted GRC-109 receiver
Message-ID: <3C0A0736.22152.10B59F@localhost>

On 1 Dec 2001, at 17:20, Gary Pewitt N9ZSV wrote:

> I am sending this for Bruce, please reply to him not me. Thanks Gary
>
> I,m trying to find a grc109 receiver also called the r-1004.

Sorry, I didn't see an address for Bruce. But there's a GRC-109 on eBay at

the moment with no bids and less than an hour to go. Power supply included.
See:

<http://cgi.ebay.com/aw-cgi/eBayISAPI.dll?ViewItem&item=1302138659>

Regards,

Dick

Dick Dillman, W6AWO
Member of the Maritime Radio Historical Society
<http://www.radiomarine.org>
Collector of Heavy Metal:
Harleys, Willys and Radios over 100lbs.

Message-Id: <4.3.2.7.2.20011202140630.00ae9c30@127.0.0.1>
Date: Sun, 02 Dec 2001 14:13:50 -0600
To: Old Tube Radios <boatanchors@theporch.com>
From: Dave Metz <metzd@intelos.net>
Subject: WTB: GR 650 plug
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I have this pristine GR 650A Bridge that needs a power input plug. It needs to be about 7/8" diameter with two straight spades that are 1/2" apart. Would someone sell me an extra or give me a point as to where one might be available? I have looked very hard at a few hamfests to no avail and don't want to modify it to use it. thanks

73's

Date: Sun, 2 Dec 2001 13:11:20 -0700
Message-ID: <002d01c17b6d\$826da500\$0100a8c0@smeccxp>
From: "ed sharpe" <esharpe@uswest.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: "Muntz-ing" revealed
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks Steve! this is a great piece of history!

ed sharpe

----- Original Message -----

From: "Steve" <scb@fly.hiwaay.net>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Saturday, December 01, 2001 3:39 PM
Subject: "Muntz-ing" revealed

> Greetings;
> I remember the time I first saw a diagram of a Muntz TV and marveled
> how few parts it had. Never heard the whole story, tho it may be old
> stuff to most of you and just for fun for the rest of us.
> <<http://www.national.com/rap/Story/0,1562,17,00.html> >
>
> Enjoy; Steve
>
>
>

Date: Sun, 2 Dec 2001 13:44:13 -0700
Message-ID: <006e01c17b72\$1b2f2fd0\$0100a8c0@smecexp>
From: "ed sharpe" <esharpe@uswest.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "Old Tube Radios" <boatanchors@theporch.com>,
BOATANCHORS@LISTSERV.TEMPE.GOV, boatanchors@qth.net
Subject: Re: [BoatAnchors] RE: [MilSurplus] BC 640 trnasmitter questions some
bc-639 and need some help HELP!!
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

yes that is the way it was at Luke afb also!

the rack was serial number 2 on the tag on the actual rack. Gosh I would
love to see that here in the museum some day! it is hopefully out there
somewhere!

ed!

----- Original Message -----

From: "David" <dschearer@enter.net>
To: "Craig McCartney" <craigmc@pacbell.net>; "ed sharpe"
<esharpe@uswest.net>; <milsurplus@qth.net>
Cc: "Old Tube Radios" <boatanchors@theporch.com>;
<BOATANCHORS@LISTSERV.TEMPE.GOV>; <boatanchors@qth.net>
Sent: Sunday, December 02, 2001 1:32 PM
Subject: Re: [BoatAnchors] RE: [MilSurplus] BC 640 trnasmitter questions
some bc-639 and need some help HELP!!

> The ones I saw at a remote transmitter/receiver site were green in color
and
> located in a couple of 6 foot racks.
>
> Dave
> ----- Original Message -----
> From: "Craig McCartney" <craigmc@pacbell.net>
> To: "ed sharpe" <esharpe@uswest.net>; <milsurplus@qth.net>
> Cc: "Old Tube Radios" <boatanchors@theporch.com>;
> <BOATANCHORS@LISTSERV.TEMPE.GOV>; <boatanchors@qth.net>
> Sent: Sunday, December 02, 2001 12:16 PM
> Subject: [BoatAnchors] RE: [MilSurplus] BC 640 trnasmitter questions some
> bc-639 and need some help HELP!!
>
>
> > My feeble memory says that the BC-640 I worked on at an Air Force Base
in
> > Europe was dark in color - either black wrinkle or close to St. James
> Gray.
> > However, that was 35 years ago.
> >
> > Craig
> >
> > -----Original Message-----
> > From: owner-milsurplus@qth.net [mailto:owner-milsurplus@qth.net]On
> > Behalf Of ed sharpe
> > Sent: Saturday, December 01, 2001 7:32 PM
> > To: milsurplus@qth.net
> > Cc: Old Tube Radios; BOATANCHORS@LISTSERV.TEMPE.GOV; boatanchors@qth.net
> > Subject: [MilSurplus] BC 640 trnasmitter questions some bc-639 and need
> > some help HELP!!
> >
> >
> > Greetings from the museum!
> > went for a merry romp in mesa az at the hamfest this morning! Was
great
> to
> > met a few of the listserv folks in person that had not met
> before....Thanks
> > to those that heaped stuff on us to add to the reference library!
> >
> > Ok now for the questions.....Got a BC- 640 that is BROWN rather than
> > green.... this was painted over on the panels, however when inspecting
> the
> > rack the rack appears to be brown over primer coat.
> >
> > Why is it brown? Is there significance to this? It was really kind of

> > interesting, the fellow I got it from had some spare modules (nice
green
> > one) on the table and a picture of the transmitter hanging up.... I
> thought
> > the transmitter looked odd but assumed it was the color balance on the
> shot
> > or the printing.. but... it really was that color! (surprise!)
> >
> > the nice part of this deal was it was delivered to the museum! now here
> is
> > the thought to ponder....
> > if the brown has signifance we should leave it brown for the display,
> > otherwise repaint it green as the one was knew as a child and the one I
> > worked on at Luke AFB.
> >
> >
> > next color enigma:
> >
> > A GREY BC-639 Receiver! it says on the tags... one us signal corps
the
> > other..... REFURBISHED BY US NAVY! (I am sure part of the referb was
to
> > color it like a battleship!)
> >
> > any notes on when and why etc etc etc?
> >
> > There is also one of the spare rack units for the BC 640 that is.....
> > BLUE! and appears to have been all it's life!
> > If anyone can shed any light on this fill us in!
> >
> > also, since we are now apparently having a 640 and 639 display we are
> > looking for pictures of these things in action, anything related to them
> in
> > the way of personal stories to add to the website whatever and whatever
> if
> > it is 640 and 639 related!
> >
> > thanks Ed '640 thumper' Sharpe archivist for smecc
> >
> >
> >
> >
> >
> >
> > ---
> > Submissions milsurplus@qth.net
> >
> >
> > ---

> > List Administrator: Duane Fischer W8DBF
> > ** For Assistance: dfischer@usol.com **
> > ---
> > This list is sponsored by Sandhills Technical Service, Inc.
> > Complete service on vintage equipment and more!
> > Find out about our services at: <http://www.qsl.net/n4kvp/>
> >
>
>
>

End of BOATANCHORS Digest 3260

20011204.ba.v03_n2610100644000007200000310000007014507414301220013320 0ustar
modenaftp-admin20011204.ba v03_n261.bam.20011204

>From ???@??? Tue Dec 4 15:25:38 2001 -0600
Message-Id: <200112042125.fB4LP157023452@sco.theporch.com>
Date: Tue, 4 Dec 2001 15:24:08 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3261

BOATANCHORS Digest 3261

Topics covered in this issue include:

- 1) Re: Why ? (ARC 5 question)
by "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
- 2) Re: "Muntz-ing" revealed
by "ed sharpe" <esharpe@uswest.net>
- 3) RCA AR-88 available?
by tsmith@hal-pc.org
- 4) Re: [MilSurplus] BC 640 trnasmmitter questions some bc-639 and need some help
HELP!!
by "ed sharpe" <esharpe@uswest.net>
- 5) Re: HP Test Equipment Repair?
by Arden Allen <gumbear@pacbell.net>
- 6) FS: Heathkit SB-401 Transmitter
by David Stinson <arc5@ix.netcom.com>
- 7) oscilloscope help
by "russ dworakowski" <wb3fau@hotmail.com>
- 8) Re: "Muntz-ing" revealed
by Norm Flasch <flasch@cushy.ece.nwu.edu>

- 9) Re: "Muntz-ing" revealed
by "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
- 10) Re: "Muntz-ing" revealed
by KN2X@webtv.net (William Henneberry)
- 11) Re: "Muntz-ing" revealed
by "David M. Nance" <dmnance@earthlink.net>
- 12) Muntz TV's
by "Sandy W5TVW" <ebjr@i-55.com>
- 13) Re: "Muntz-ing" revealed
by "ed sharpe" <esharpe@uswest.net>
- 14) Re: "Muntz-ing" revealed
by "ed sharpe" <esharpe@uswest.net>
- 15) Hallicrafters HA-20 VFO wanted
by Robert Kemp <rkemp@mr.net>
- 16) Low Power AM station
by Chuck Swiger <cswiger@widomaker.com>
- 17) Curtis-Mathis?
by "russ dworakowski" <wb3fau@hotmail.com>
- 18) Re: Curtis-Mathis?
by "Lawrence R. Ware" <larry@waywardhome.com>
- 19) British Classic FS
by BEN NOCK <G4BXD@compuserve.com>
- 20) Vintage Tube Services web page
by Jerry Proc <jerry.proc@sympatico.ca>
- 21) RE: Low Power AM station
by Morris Odell <MorrisO@vifp.monash.edu.au>

Date: Sun, 2 Dec 2001 16:21:51 -0500 (EST)
From: "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
Message-Id: <200112022121.QAA13600@aa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: arc5@qth.net
Subject: Re: Why ? (ARC 5 question)

Well I'll be on the T17/ARC-5

I've had a T18/ARC-5 2-3 mcs TX jobbie for years & it's the only one I'd seem... tho have a 1.5-3 matching RX.

Now the \$64K question.

Were the SCR27N equivalents used in Europe at all?

Think the RAF dragged us into 100-156 via 4-channel SCR522 early on.

Know a B17 radioman who tuned up the BC348 & BC375 with the BC221 before every mission. Thjs so should squadron leadership be transferred

they'd be ready with the "liasson radio" (long range one).

Interplane with "command sets" (BC-456/BC-459,/et. al.) was non-existent - that VHF SCR522 being the mainstay.

As a radioman, this pal Bill Johnson spent virtually all of his time as a machinegunner in waiting.

Have no personal observations on anything else except ASB-radar that a SBD pilot Stan Collins bud says was little more than a technician's toy.

Is talking about in-service use of ex-gi electronics heresy here??? Like mentioning the t----istor?

Marty

Date: Sun, 2 Dec 2001 15:28:31 -0700
Message-ID: <00ae01c17b80\$ac7a4890\$0100a8c0@smecexp>
From: "ed sharpe" <esharpe@uswest.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: "Muntz-ing" revealed
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Speaking of mad man muntz..... we need a 4 track car stereo made by his company....

thanks ed sharpe archivist for smecc

----- Original Message -----

From: "Steve" <scb@fly.hiwaay.net>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Saturday, December 01, 2001 3:39 PM
Subject: "Muntz-ing" revealed

> Greetings;
> I remember the time I first saw a diagram of a Muntz TV and marveled
> how few parts it had. Never heard the whole story, tho it may be old
> stuff to most of you and just for fun for the rest of us.
> <<http://www.national.com/rap/Story/0,1562,17,00.html> >
>
> Enjoy; Steve
>
>
>

Message-Id: <200112022358.RAA10814@mail.hal-pc.org>
To: Old Tube Radios <boatanchors@theporch.com>
From: tsmith@hal-pc.org
Subject: RCA AR-88 available?
Date: Sun, 2 Dec 2001 23:59:03 GMT

Is there a AR-88 or CR-88 in nice shape available out there? I'm looking for a nice receiver preferably without the cabinet and would like to get a manual as well. If you have something available for sale or trade, please drop me a email.

Thanks,

Tom
N5AMA

Date: Sun, 2 Dec 2001 18:00:32 -0700
Message-ID: <012201c17b95\$e994ef40\$0100a8c0@smecexp>
From: "ed sharpe" <esharpe@uswest.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "Old Tube Radios" <boatanchors@theporch.com>,
BOATANCHORS@LISTSERV.TEMPE.GOV, boatanchors@qth.net
Subject: Re: [MilSurplus] BC 640 trnasmitter questions some bc-639 and need some help HELP!!
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

yes! I have seen that write up also!

the fact I had one of these when I was young and knew how to work on it made this airman(at the time) get some respect when I showed up on base right out of tech school!

ed!

----- Original Message -----

From: "David R Jeffries" <sd0044@enetis.net>
To: "ed sharpe" <esharpe@uswest.net>; <milsurplus@qth.net>
Cc: "Old Tube Radios" <boatanchors@theporch.com>;
<BOATANCHORS@LISTSERV.TEMPE.GOV>; <boatanchors@qth.net>
Sent: Sunday, December 02, 2001 3:12 PM
Subject: Re: [MilSurplus] BC 640 trnasmitter questions some bc-639 and need some help HELP!!

> Have seen multiple 639/and a 640 combos in brown at FAA facilities ~~way~~
> back when.
>
> Also please remember that the US Navy operated (and still does) a lot of
> shore based airfields.
> Equipment designed for a shore environment would be more practical (heresy) but would, of course, be painted Navy grey.
>
> I'd also assume (yup-- BAD word) that blue could have been a color of
> choice for FAA owned sets. I've seen a lot of their other (non-military)
> stuff in blue.
>
> BTW, I do remember from an old surplus conversion manual the the BC-640
was
> claimed to be the only set known to "knock out every TV receiver in a two
> block radius even when unplugged" (big grin). Seems to me that SOMEONE
> must have had the rather common problem with neutralization of the
> finals----- (grin again).
>
> Dave Jeffries
> retired USAF 304x4 (Ground Radio Maintenance) type -- among other 30xxx
> AFSCs
> =====
> -----snip----->
> > Ok now for the questions.....Got a BC- 640 that is BROWN rather than
> > green.... this was painted over on the panels, however when inspecting
> the
> > rack the rack appears to be brown over primer coat.
> >
> > Why is it brown? Is there significance to this? It was really kind of
> > interesting, the fellow I got it from had some spare modules (nice
green
> > one) on the table and a picture of the transmitter hanging up.... I
> thought
> > the transmitter looked odd but assumed it was the color balance on the
> shot
> > or the printing.. but... it really was that color! (surprise!)
> -----snip-----
> > next color enigma:
> >
> > A GREY BC-639 Receiver! it says on the tags... one us signal corps
the
> > other..... REFURBISHED BY US NAVY!
> -----snip----->
> > There is also one of the spare rack units for the BC 640 that is.....
> > BLUE! and appears to have been all it's life!
> -----snip----->
>

>
>
>

Date: Sun, 02 Dec 2001 17:01:41 -0800
From: Arden Allen <gumbear@pacbell.net>
Subject: Re: HP Test Equipment Repair?
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <0GNQ00EASTJA7Q@mta5.snfc21.pbi.net>
MIME-version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: 7bit

Hi Dave;

> Anyone know if there's an outfit that will repair
> lab-grade HP equipment for less then the cost of a new car?
> I've got a freq. synthesizer that needs help.

The first step is to see if Agilent (formerly HP test equipment) still supports the instrument. That means parts will be available to the repair outfit you send it to. If it is no longer supported, you will have to find an outfit willing to repair it and give you an evaluation and cost estimate (assuming they can get parts from a bone pile somewhere). Most labs charge for such service (what the Hell, they can't lose!). One outfit, National Test Equipment <<http://www.ntecusa.com/services.cfm>> does free evaluations.

I don't know how good a job they do and if their rates are reasonable but that's at least one lead. I prefer to repair my own, even if it takes a month of Sundays. Good luck.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Message-ID: <3C0B0E3E.D370B2A6@ix.netcom.com>
Date: Sun, 02 Dec 2001 23:31:42 -0600
From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FS: Heathkit SB-401 Transmitter
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For Sale;
Heathkit SB-401 Transmitter.
Photos posted to alt.binaries.pictures.radio.

NOT "mint." NOT "collector."

I'd call it good/average with a normal accumulation of dust/crud. Paint is 95% plus.
Photos available on request if you don't get the binary newsgroups.

I've tuned it up on 40 meters and it worked fine on CW and SSB.
Don't remember how much power it got out. I was using a VHF meter so it wouldn't have been accurate, anyway.
I ran it a good, long time so the power supply filters appear to be OK.
The 1st crystal oscillator isn't working on some of the other bands.
It's been months since I tested it and don't remember which, so I'm only claiming 40 as OK. I'm told by Heathkit people that some resistors in the 1st osc. drift and that causes the problem.
Should be an easy fix if you have the book.
I cleaned the pots, switches and etc., loaded it up on 40 meters and made a contact. That's all the time I have for it.
Good winter project as the rest of the radio seems fine.
\$100 plus shipping from 75087, or an interesting military trade.
Will be shipped with insurance/tracking/delivery confirmation.
Will give 3 day inspection. Offer refund less shipping if returned in the condition in which it was shipped.

73 OM DE Dave AB5S

From: "russ dworakowski" <wb3fau@hotmail.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: oscilloscope help
Date: Mon, 03 Dec 2001 10:20:35 -0500
Mime-Version: 1.0
Content-Type: text/plain; format=flowed
Message-ID: <LAW2-F112KbVwA01rwt00017bad@hotmail.com>

Hello group,

A call for assistance with my o'scope, as I do not know much about these. Mine is an old De Vry Tech school model, 5 inch audio freq range only. It might be a model 1-15. I believe it was also a kit. I have no schematic, I see 2 5y3s, 2 6CL6s, and several 12ax7s on the chassis, no circuit boards, just point to point wiring.
It was working in my station as a modulation monitor. My problem is- the display has gotten very dim, very suddenly. I did shake the chassis and the brightness came back for a few days, but now it is dim again. I am going to check the tubes now. So any input and suggestion would be appreciated. Russ

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

From: Norm Flasch <flasch@cushy.ece.nwu.edu>
Message-Id: <200112031621.KAA14256@cushy.ece.nwu.edu>
Subject: Re: "Muntz-ing" revealed
To: Old Tube Radios <boatanchors@theporch.com>
Date: Mon, 3 Dec 2001 10:21:25 -0600 (CST)
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Someone once gave me a 24" Muntz console (early 50"s vintage) back in the 80's. The set had a series strung filament string and selenium rectifiers. This avoided the use of a power transformer. But, this was common practice then. The only thing I did to fix the set was to resolder the filament leads in the doudacel (sp?) CRT socket. I had run into this problem on several occasions. The CRT filament would not light. There was voltage at the socket. The filament looked good. Problem was cold solder at the tube base.

This set had a huge cabinet, but was rather light weight. The chassis was all hand wired (probably early 50's) and probably a low tube count. But, what I recall is the really good audio it had. The sound chamber below the CRT was a concave louvered design. No grill cloth, but wood lovers aiming off to one side. There was an 8" speaker located off center facing the louvers. The sound was exceptionally good on this set. The picture was just so so. Kind of bloomey when you switched channels. I've never seen anything like is since. Sold the set years ago a one of the antique radio meets.

> Greetings;
> I remember the time I first saw a diagram of a Muntz TV and marveled
> how few parts it had. Never heard the whole story, tho it may be old
> stuff to most of you and just for fun for the rest of us.
> <<http://www.national.com/rap/Story/0,1562,17,00.html> >
>
> Enjoy; Steve
>

--
Norm Flasch
ECE Teaching Labs Manager
Northwestern University
Evanston, Illinois
847-467-4387

Date: Mon, 3 Dec 2001 18:25:28 -0500 (EST)
From: "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
Message-Id: <200112032325.SAA16807@aa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: "Muntz-ing" revealed

p/o the radio jingle

There's something about a Muntz TV
That makes you want to cheer
There's something about a Muntz TV
So bright, so sharp, so clear

Nothing in there about louvered off-center speaker chamber which
sounds like a acoustic Carolina windom.

Marty

From: KN2X@webtv.net (William Henneberry)
Date: Mon, 3 Dec 2001 19:48:32 -0500 (EST)
To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com (Old Tube Radios)
Subject: Re: "Muntz-ing" revealed
Message-ID: <29027-3C0C1D60-730@storefull-144.iap.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Multipart/Mixed; Boundary=WebTV-Mail-15125-364
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

--WebTV-Mail-15125-364
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit

Speaking of jingles: How about----
A Kaiser-Fraser yours at once
Direct from mad man Muntz

--WebTV-Mail-15125-364
Content-Disposition: Inline
Content-Type: Message/RFC822
Content-Transfer-Encoding: 7Bit

Received: from smtpin-102-2.bryant.webtv.net (209.240.198.99) by
storefull-145.iap.bryant.webtv.net with WTV-SMTP; Mon, 3 Dec 2001

15:28:46 -0800 (PST)
Received: by smtpin-102-2.bryant.webtv.net (WebTV_Postfix+sws) id A89D3117;
Mon, 3 Dec 2001 15:28:50 -0800 (PST)
Delivered-To: kn2x@webtv.net
Received: from sco.theporch.com (sco.theporch.com [207.234.31.38]) by
smtpin-102-2.bryant.webtv.net (WebTV_Postfix+sws) with ESMTP id
317671FA for <KN2X@webtv.net>; Mon, 3 Dec 2001 15:28:49 -0800 (PST)
Received: from sco.theporch.com (localhost [127.0.0.1]) by sco.theporch.com
(8.12.2.Beta1/8.12.2.Beta1) with SMTP id fB3NRU57027181; Mon, 3 Dec
2001 17:27:30 -0600 (CST)
Received: from aa4rm.ba-watch.org ([204.245.72.90]) by sco.theporch.com
(8.12.2.Beta1/8.12.2.Beta1)
with ESMTP id fB3NPm57027007 for <boatanchors@theporch.com>; Mon, 3
Dec 2001 17:25:50 -0600 (CST)
Received: (from polepeeg@localhost) by aa4rm.ba-watch.org (8.9.2/8.9.2) id
SAA16807; Mon, 3 Dec 2001 18:25:28 -0500 (EST)
Date: Mon, 3 Dec 2001 18:25:28 -0500 (EST)
From: "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
Message-Id: <200112032325.SAA16807@aa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: "Muntz-ing" revealed
Reply-To: polepeeg@aa4rm.ba-watch.org
Sender: owner-boatanchors@theporch.com
X-Listprocessor-Version: 8.2.07 -- ListProc(tm) by CREN

p/o the radio jingle

There's something about a Muntz TV
That makes you want to cheer
There's something about a Muntz TV
So bright, so sharp, so clear

Nothing in there about louvered off-center speaker chamber which
sounds like a acoustic Carolina window.

Marty

--WebTV-Mail-15125-364--

Message-ID: <3C0C262B.89E1745E@earthlink.net>
Date: Mon, 03 Dec 2001 20:26:03 -0500
From: "David M. Nance" <dmnance@earthlink.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: "Muntz-ing" revealed
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Don't want to get too far off topic here but I recall Muntz also tried to build a car in the early 50's. I believe it was called the Muntz Jet. Must have been before Hudson brought out their Jet in 1953.

Just did a Google search. I was right for once:
<http://members.aol.com/miray/muntzjet.html>

>From this story it looks like he might have left his engineers alone.

Here's a caricature of Muntz in his Napoleon hat:
<http://members.aol.com/miray/madmanmuntz.html>

William Henneberry wrote:

>
> Speaking of jingles: How about----
> A Kaiser-Fraser yours at once
> Direct from mad man Muntz
>
>

Message-ID: <005201c17c7e\$7460a9a0\$b6a1cdd1@ebjr>
From: "Sandy W5TVW" <ebjr@i-55.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Muntz TV's
Date: Mon, 3 Dec 2001 22:44:34 -0600
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Has anyone found a schematic for a Muntz TV on the web? I looked for a while but nothing so far (freebies that is!)
I remember the heyday of the Muntz. It was cheap and 'dirty'. The simplicity made it hard to work on as there were a lot of "double duty" circuits. I do remember if you pulled the audio output tube, you lost all the video! They used a split B+ supply. You had a hard time convincing the customer that his audio output tube would "kill" the video quality! I worked at a TV shop a couple of summers and hated fooling with TV's! One of the worst was GE's with the single ended horizontal output tube, whose socket liked to arc over! (In our damp climate!) Same thing with the crappy Sylvania with the subminiature solder-in high voltage rectifiers. Once the "holders started arcing, you had a mess!

My specialty was car and tabletop radios. Once in a while an old tombstone or a console. I changed more 0Z4 tubes than I care to count! Also vibrators and buffer capacitors!

73

Sandy W5TVW

Date: Mon, 3 Dec 2001 22:36:22 -0700
Message-ID: <001501c17c85\$9c6dca20\$0100a8c0@smecexp>
From: "ed sharpe" <esharpe@uswest.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: "Muntz-ing" revealed
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

excellent link! ed!

----- Original Message -----

From: "David M. Nance" <dmnance@earthlink.net>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Monday, December 03, 2001 6:26 PM
Subject: Re: "Muntz-ing" revealed

> Don't want to get too far off topic here but I recall Muntz also tried
> to build a car in the early 50's. I believe it was called the Muntz
> Jet. Must have been before Hudson brought out their Jet in 1953.
>
> Just did a Google search. I was right for once:
> <http://members.aol.com/miray/muntzjet.html>
>
> >From this story it looks like he might have left his engineers alone.
>
> Here's a caricature of Muntz in his Napoleon hat:
> <http://members.aol.com/miray/madmanmuntz.html>
>
> William Henneberry wrote:
> >
> > Speaking of jingles: How about----
> > A Kaiser-Fraser yours at once
> > Direct from mad man Muntz
> >
> >
>
>
>

Date: Mon, 3 Dec 2001 23:48:45 -0700
Message-ID: <004c01c17c8f\$b8e66900\$0100a8c0@smecexp>
From: "ed sharpe" <esharpe@uswest.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: "Muntz-ing" revealed
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

check out these also....
<http://www.8trackheaven.com/muntz.html>

<http://www.8trackheaven.com/golden.txt>
thanks ed sharpe archivist for smecc

----- Original Message -----

From: "David M. Nance" <dmnance@earthlink.net>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Monday, December 03, 2001 6:26 PM
Subject: Re: "Muntz-ing" revealed

> Don't want to get too far off topic here but I recall Muntz also tried
> to build a car in the early 50's. I believe it was called the Muntz
> Jet. Must have been before Hudson brought out their Jet in 1953.
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> William Henneberry wrote:
> >
> > Speaking of jingles: How about-----
> > A Kaiser-Fraser yours at once
> > Direct from mad man Muntz
> >
> >
>
>
>

Message-ID: <3C0CC706.1070601@mr.net>

Date: Tue, 04 Dec 2001 06:52:22 -0600
From: Robert Kemp <rkemp@mr.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Hallicrafters HA-20 VFO wanted
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Anyone have one sitting around they aren't using - I'd be interested.
Thanks in advance to one and all.

Bob.

Message-Id: <4.3.1.1.20011204083846.027a0f00@192.168.0.134>
Date: Tue, 04 Dec 2001 08:54:46 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Chuck Swiger <cswiger@widomaker.com>
Subject: Low Power AM station
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang -

Just want to report that some old signal generators, such as the
Measurements Corp 65-B make an *excellent* low pwr am transmitter
for around the house broadcasting. The case style and big ol' %modulation
meter adds to the fun factor. I'm not sure what the audio input Z
for that particular unit is but a line level signal isn't enough - I have
to use
a "Hi Fi" amp up fairly loud to get 100% peaks, but it sure sounds clean.
If I remember correctly it is the osc B+ that is modulated in that unit, and
you can pick any freq from 80Khz to 20Mhz.

Oh, also, contrary to prophacies of doom, there's still lots of small market
AM stations recycling their stacks of wax and shellac - just noticed one on the
Chesapeake bay on 540, WDMV, only 1KW daytime but very listenable here
over the water in Hampton w/ lots of local color.

Chuck
kb4new
cswiger@widomaker.com

From: "russ dworakowski" <wb3fau@hotmail.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Curtis-Mathis?
Date: Tue, 04 Dec 2001 12:01:14 -0500

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

Message-ID: <LAW2-F1130GufdMmMUV00005eb7@hotmail.com>

Following the string about Muntz, before my time, but heard lots of stories. Myself, I was working for some friends who had a small repair shop around 1969, repairing and selling used color sets. Mostly Magnavox and RCAs. On one occasion, I came into the store and they set me up with 2 chassis to clean up and ready for convergence, they had purposely taped off the mfg and serial number area to see if I could figure out the mfg. Well they were both RCA of the same time period I told them, and I asked What was the big idea? They said nope!

Well being a young fella at the time, I had a short fuse and told them to stop the crap! To make a long story short, we then removed the tape and revealed that one was infact an RCA, but the 2nd unit was a Curtis- Mathis. We later found out that they would buy RCA factory 2nds repair them, and put them in their own cabinets! I can't prove all this, but the chassis were identical. Russ

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Message-Id: <3.0.32.20011204175038.00dcf888@pop.earthlink.net>

Date: Tue, 04 Dec 2001 18:00:20 +0000

To: Old Tube Radios <boatanchors@theporch.com>

From: "Lawrence R. Ware" <larry@waywardhome.com>

Subject: Re: Curtis-Mathis?

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

At 12:01 04-12-01 -0500, russ dworakowski wrote:

>and revealed that one was infact an RCA, but the 2nd unit was a
>Curtis- Mathis. We later found out that they would buy RCA factory
>2nds repair them, and put them in their own cabinets! I can't prove all
>this, but the chassis were identical. Russ

Not quite my understanding/recollection...

Years ago just about everyone in the TV repair industry knew that Curtis-Mathis licensed the rights to use the previous (last major design from current production) RCA chassis.

Going from old memory here, if the current production RCA chassis was the CTC-25, Curtis was using licensed CTC-23 chassis's.

If someone wanted a flyback for a CM, you looked the part number up in the RCA book...

At the time Curtis advertised they were the best built TV you could buy... Some folks in the industry thought they were right, in that the one design older RCA chassis had had time for most of the bugs to be worked out. Unlike the brand new models sometimes. :-)

-larry

Who sold things like RCA flybacks in the 70's and vaguely remembers it... :-)

Larry Ware
Orlando, Florida
larry@waywardhome.com

Date: Tue, 4 Dec 2001 13:01:36 -0500
From: BEN NOCK <G4BXD@compuserve.com>
Subject: British Classic FS
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <200112041301_MC3-E95A-B377@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

TW COMMUNICATOR

2 Mtr base/mobile set, hybrid.

rx, transistorised, 144 - 146, am/cw, dual conversion.
tx, valved, crystallised, 10w, am/cw, metered.

very good condition, collectors item.

25.00 Pound plus pp

Ben.

106312.1035@compuserve.com

Message-ID: <3C0D1016.F0AE5B70@sympatico.ca>
Date: Tue, 04 Dec 2001 13:04:06 -0500
From: Jerry Proc <jerry.proc@sympatico.ca>
MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>
CC: skywide@yahooogroups.com
Subject: Vintage Tube Services web page
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Group,

I'm sure this web page, featuring tube manufacturing companies and lab grade test equipment will be of great interest to all.

<http://www.vintagetubeservices.com/Default.htm>

Featured, are brass tube dampers for purposes or reducing micophonics. This looks like a product that might actually do something. Does anyone have any comments on the effectiveness of this device?

--

Regards,
Jerry Proc VE3FAB
Toronto, Ontario
e-mail: jerry.proc@sympatico.ca
<http://webhome.idirect.com/~jproc/ve3fab>

Message-ID:
<07A064EA6042D4118A62009027F70E77181CFD@nt_exchange.vifp.monash.edu.au>
From: Morris Odell <MorrisO@vifp.monash.edu.au>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Low Power AM station
Date: Wed, 5 Dec 2001 08:28:22 +1100
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hi all,

Chuck Swiger wrote:

> Just want to report that some old signal generators, such as the
> Measurements Corp 65-B make an *excellent* low pwr am transmitter
> for around the house broadcasting.

I must confess to using the HP 606B in this way for domestic ECM. When the house next door was being built the builders had a ghetto blaster spewing forth horrible noises at full blast for most of the day. Simply plugging the long wire antenna lead into the 606 and "coincidentally" setting it to the

appropriate frequency was very effective!

In the pre-walkman era I worked with an engineer who had built himself a pocket sized box to be used on the train whenever young people played "that nasty rock 'n roll" on their transistor radios. The antenna was a length of wire threaded down his pants leg. He would discreetly reach into his pocket and have peace for the rest of his journey!

73 de Morris VK3DOC

End of BOATANCHORS Digest 3261

20011205.ba.v03_n2620100644000007200000310000006705107414301220013324 0ustar
modenaftp-admin20011205.ba v03_n262.bam.20011205

>From ???@??? Wed Dec 5 16:38:38 2001 -0600
Message-Id: <200112052238.fB5McS57001488@sco.theporch.com>
Date: Wed, 5 Dec 2001 16:37:58 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3262

BOATANCHORS Digest 3262

Topics covered in this issue include:

- 1) Re: "Muntz-ing" revealed... Bob Pease
by "Paul Nelson" <drhydro@qwest.net>
- 2) Early TV Resource
by "Steve" <scb@fly.hiwaay.net>
- 3) Fw: Low Power AM station FM, too
by Edward J Knobloch <k4pf@juno.com>
- 4) QRPppp AM stations ...
by ejones@hiwaay.net
- 5) wanted : Low Power am phono osc....
by "ed sharpe" <esharpe@uswest.net>
- 6) Re: Vintage Tube Services web page
by Arden Allen <gumbear@pacbell.net>
- 7) Re: Low Power AM station
by tsmith@hal-pc.org
- 8) Re: Vintage Tube Services web page
by Chuck Swiger <cswiger@widomaker.com>
- 9) Re: Vintage Tube Services web page
by Gary Woods <gwoods@albany.net>

- 10) Re: Vintage Tube Services web page
by KN2X@webtv.net (William Henneberry)
- 11) Low Power am phono osc....
by Richard Post <postr@ohiou.edu>
- 12) Re: Muntz TV's
by "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
- 13) Re: Muntz TV's
by Bob Roehrig <broehrig@aurora.edu>
- 14) Vintage Tube... Brass Yarmukas
by "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
- 15) ADMINISTRIVIA: Using The Archives
by listown@nanniandjack.com (Mail List Owner)
- 16) Wanted: SB-102 PA cage cover
by Robert Kemp <rkemp@mr.net>
- 17) Western Electric Tube Tester
by Jerry Proc <jerry.proc@sympatico.ca>
- 18) Radio
by "Shirli Sieb" <sieb@sympatico.ca>
- 19) [Fwd: need help with a military radio]
by David Hollander <n7rk@dancris.com>
- 20) RE: Vintage Tube Services web page
by Morris Odell <Morris0@vifp.monash.edu.au>
- 21) 390A - What do I do now?
by Morris Odell <Morris0@vifp.monash.edu.au>

Date: Tue, 4 Dec 2001 17:21:47 -0600
Message-Id: <v04210100b833082ac953@[10.0.0.2]>
From: "Paul Nelson" <drhydro@qwest.net>
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: Re: "Muntz-ing" revealed... Bob Pease
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

For those who might not be familiar with the redoubtable Mr. Pease, he's been a fixture in Electronic Design magazine for an *awful* long time- I think his title is something like chief scientist at National Semiconductor- "the old guy in the corner who knows everything"-

see <http://www.national.com/rap/>

and go from there. Quite a guy. And see, in particular,

* Check here for a listing of ED columns

which resolves to: <http://www.planetee.com/ed/pease.html>

and the first listing,

<http://www.planetee.com/planetee/servlet/DisplayDocument?ArticleID=720>

is what my desk at work aspires to look like! Bob's my idol!

Paul Nelson W5GNF
Ames, Iowa

"When I go, I want to go quietly, in my
sleep, like my grandfather- not
screaming, like his passengers."

(DrHydro@qwest.net)

"More hay, Trigger?"

Cessna 140 N77149

"No thanks, Roy, I'm stuffed."

Message-Id: <200112050021.fB50LphM014735@mail.hiwaay.net>

From: "Steve" <scb@fly.hiwaay.net>

To: Old Tube Radios <boatanchors@theporch.com>

Date: Tue, 4 Dec 2001 18:21:23 +0000

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT

Subject: Early TV Resource

Greetings;

Here is a very well done awe-inspiring site documenting, in
photographs from Dr Zworykin's estate, RCA's line of television
research and development.

<<http://members.tripod.com/~FrameMaster/index.html> >

Enjoy; Steve Bringhurst

To: Old Tube Radios <boatanchors@theporch.com>

Cc: cswiger@widowmaker.com

Date: Tue, 4 Dec 2001 22:40:40 -0500

Subject: Fw: Low Power AM station FM, too

Message-ID: <20011204.224041.4092.0.k4pf@juno.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

From: Edward J Knobloch <k4pf@juno.com>

> Chuck Swiger cswiger@widowmaker.com described
> using an old signal generator as an a.m. transmitter
> for around-the-house broadcasting.

If you feed audio to the external modulation input
of a cheap signal generator like the Eico or Heath,

you will get enough simultaneous frequency modulation
for it to serve as an in-house FM broadcast band transmitter
as well. Pre-emphasis, what's that?

73,
Ed Knobloch k4pf@juno.com

Date: Tue, 4 Dec 2001 22:14:10 -0600 (CST)
Message-Id: <v03007801b832d9f39e30@[216.180.65.175]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: ejones@hiwaay.net
Subject: QRPppp AM stations ...

de N4TGC Eric

Just this year, I glommed a pretty nice URM-25F sig-gen at a
Hamfest for \$25 (it's missing the cover gasket; but he included a somewhat
ratty Meas. 800 FM sig-gen that worked, too!), and he told the story that
the SG-103/25F had last been used to "broadcast" sermons from the pulpit to
a remote bldg on the church grounds. I don't recall him saying what
frequency or type of antenna they used - just that it worked very well for
months, til they got a reg'lar system set up. I didn't doubt him ...

e

Date: Tue, 4 Dec 2001 21:35:47 -0700
Message-ID: <002a01c17d46\$50059390\$0100a8c0@smeccxp>
From: "ed sharpe" <esharpe@uswest.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "Forsale-swap" <forsale-swap@qth.net>
Subject: wanted : Low Power am phono osc....
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

looking for a phono osc from my youth may have been knight blue chassis and
at least 3 tubes on it?

also there was an rca phono osc that had a resistance line cord to drop the
voltage for tube fil, had one jug in it but may have had multiple sections
in the tube. was a shoulder type tube!
I will also post this to for sale list

thanks ed sharpe

----- Original Message -----

From: "Morris Odell" <MorrisO@vifp.monash.edu.au>

To: "Old Tube Radios" <boatanchors@theporch.com>

Sent: Tuesday, December 04, 2001 2:28 PM

Subject: RE: Low Power AM station

> Hi all,

>

> Chuck Swiger wrote:

>

> > Just want to report that some old signal generators, such as the
> > Measurements Corp 65-B make an *excellent* low pwr am transmitter
> > for around the house broadcasting.

>

> I must confess to using the HP 606B in this way for domestic ECM. When the
> house next door was being built the builders had a ghetto blaster spewing
> forth horrible noises at full blast for most of the day. Simply plugging
the

> long wire antenna lead into the 606 and "coincidentally" setting it to the
> appropriate frequency was very effective!

>

> In the pre-walkman era I worked with an engineer who had built himself a
> pocket sized box to be used on the train whenever young people played
"that

> nasty rock 'n roll" on their transistor radios. The antenna was a length
of

> wire threaded down his pants leg. He would discreetly reach into his
pocket

> and have peace for the rest of his journey!

>

> 73 de Morris VK3DOC

>

>

>

Date: Tue, 04 Dec 2001 20:44:08 -0800

From: Arden Allen <gumbear@pacbell.net>

Subject: Re: Vintage Tube Services web page

To: Old Tube Radios <boatanchors@theporch.com>

Message-id: <0GNU00HLXT5UFV@mta7.pltn13.pbi.net>

MIME-version: 1.0

Content-type: text/plain; charset=ISO-8859-1

Content-transfer-encoding: 7bit

Took a look at that page and read a little. Yuk!! Nothing worse then being doused with hogwash in the cold of winter.....

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Message-Id: <200112051339.HAA27556@mail.hal-pc.org>
To: Old Tube Radios <boatanchors@theporch.com>
From: tsmith@hal-pc.org
Subject: Re: Low Power AM station
Date: Wed, 5 Dec 2001 13:40:06 GMT

Hi Chuck and gang,

My manual on the HP 606A sez 4.5 volts peak produces 100% modulation and the input impedance is approximately 600 ohms. Also sez that the 606 can be modulated by square waves and "other" complex signals.

Tom N5AMA

> Gang -
>
> Just want to report that some old signal generators, such as the
> Measurements Corp 65-B make an *excellent* low pwr am transmitter
> for around the house broadcasting. The case style and big ol' %modulation
> meter adds to the fun factor. I'm not sure what the audio input Z
> for that particular unit is but a line level signal isn't enough - I have
> to use
> a "Hi Fi" amp up fairly loud to get 100% peaks, but it sure sounds clean.
> If I remember correctly it is the osc B+ that is modulated in that unit, and
> you can pick any freq from 80Khz to 20Mhz.
>
> Oh, also, contrary to prophacies of doom, there's still lots of small
market
> AM stations recycling their stacks of wax and shellac - just noticed one on
the
> Chesapeake bay on 540, WDMV, only 1KW daytime but very listenable here
> over the water in Hampton w/ lots of local color.
>
> Chuck
> kb4new
> cswiger@widomaker.com
>
>

Message-Id: <4.3.1.1.20011205100348.00da9570@192.168.0.134>
Date: Wed, 05 Dec 2001 10:13:58 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Chuck Swiger <cswiger@widomaker.com>
Subject: Re: Vintage Tube Services web page
Cc: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Dunno about brass dampers - but my summer TV project (1950 RCA set, seperate audio IF) has a curious shield on the tuner osc with about a 1 inch band of 1/16" thick metal. I understand that in non-intermod sets lo stability and a fine-tuning control are essential.

I guess if you have a megabuck WE-300b that's gone microphonic a quack solution is much cheaper than finding a replacement.

At 08:44 PM 12/4/01 -0800, you wrote:

>Took a look at that page and read a little. Yuk!! Nothing worse then
>being doused with hogwash in the cold of winter.....

>

>Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

From: Gary Woods <gwoods@albany.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Vintage Tube Services web page
Date: Wed, 05 Dec 2001 10:27:39 -0500
Message-ID: <75fs0u4eqe0ldu7na1ihpb3qssp6sbcabc@4ax.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

On Wed, 05 Dec 2001 10:13:58 -0500, you wrote:

>Dunno about brass dampers - but my summer TV project (1950 RCA set,
>seperate audio IF) has a curious shield on the tuner osc with about a
>1 inch band of 1/16" thick metal

Then there was the "anti-Bark" magnet for the H-output.

ISTR that a rubber band would damp microphonic tubes pretty well.

From: KN2X@webtv.net (William Henneberry)
Date: Wed, 5 Dec 2001 11:46:22 -0500 (EST)

To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com (Old Tube Radios),
boatanchors@theporch.com (Old Tube Radios)
Subject: Re: Vintage Tube Services web page
Message-ID: <2526-3C0E4F5E-119@storefull-148.iap.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Multipart/Mixed; Boundary=WebTV-Mail-29937-56
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

--WebTV-Mail-29937-56
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit

The strange shield on the tuner tube was there to damp out Barkenhausen oscillations.

--WebTV-Mail-29937-56
Content-Disposition: Inline
Content-Type: Message/RFC822
Content-Transfer-Encoding: 7Bit

Received: from smtpin-101-6.bryant.webtv.net (209.240.198.40) by
storefull-144.iap.bryant.webtv.net with WTV-SMTP; Wed, 5 Dec 2001
07:18:00 -0800 (PST)
Received: by smtpin-101-6.bryant.webtv.net (WebTV_Postfix+sws) id E6ABA16B;
Wed, 5 Dec 2001 07:18:00 -0800 (PST)
Delivered-To: kn2x@webtv.net
Received: from sco.theporch.com (sco.theporch.com [207.234.31.38]) by
smtpin-101-6.bryant.webtv.net (WebTV_Postfix+sws) with ESMTP id
08B15165 for <KN2X@webtv.net>; Wed, 5 Dec 2001 07:17:59 -0800 (PST)
Received: from sco.theporch.com (localhost [127.0.0.1]) by sco.theporch.com
(8.12.2.Beta1/8.12.2.Beta1) with SMTP id fB5FHD57012989; Wed, 5 Dec
2001 09:17:13 -0600 (CST)
Received: from marlin.exis.net (IDENT:root@marlin.exis.net [65.120.48.2])
by sco.theporch.com (8.12.2.Beta1/8.12.2.Beta1) with ESMTP id
fB5FFP57012822 for <boatanchors@theporch.com>; Wed, 5 Dec 2001
09:15:26 -0600 (CST)
Received: from thombdc.widomaker.com (digital-99-99.exis.net [65.120.59.99])
by marlin.exis.net (8.11.2/8.11.0) with ESMTP id fB5FF3V29386; Wed,
5 Dec 2001 10:15:06 -0500
Message-Id: <4.3.1.1.20011205100348.00da9570@192.168.0.134>
X-Sender: cswiger#widomaker.com@192.168.0.134
X-Mailer: QUALCOMM Windows Eudora Version 4.3.1
Date: Wed, 05 Dec 2001 10:13:58 -0500
To: Old Tube Radios <boatanchors@theporch.com>

From: Chuck Swiger <cswiger@widomaker.com>
Subject: Re: Vintage Tube Services web page
Cc: Old Tube Radios <boatanchors@theporch.com>
In-Reply-To: <0GNU00HLXT5UFV@mta7.pltn13.pbi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed
Reply-To: cswiger@widomaker.com
Sender: owner-boatanchors@theporch.com
X-Listprocessor-Version: 8.2.07 -- ListProc(tm) by CREN

Dunno about brass dampers - but my summer TV project (1950 RCA set, seperate audio IF) has a curious shield on the tuner osc with about a 1 inch band of 1/16" thick metal. I understand that in non-intermod sets lo stability and a fine-tuning control are essential.

I guess if you have a megabuck WE-300b that's gone microphonic a quack solution is much cheaper than finding a replacement.

At 08:44 PM 12/4/01 -0800, you wrote:

>Took a look at that page and read a little. Yuk!! Nothing worse then
>being doused with hogwash in the cold of winter.....

>

>Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

--WebTV-Mail-29937-56--

Message-Id: <v03007803b834043bbf44@[132.235.46.182]>
Mime-Version: 1.0
Content-Type: text/enriched; charset="us-ascii"
Date: Wed, 5 Dec 2001 12:13:40 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Richard Post <postr@ohiou.edu>
Subject: Low Power am phono osc....

Ed Sharpe mentioned a device from his youth. Not ready to sell mine but do have a picture of it.

The Knight-kit does indeed have a blue chassis with three tubes. One 50C5 is oscillator, the other 50C5 is a modulator.

Pic is at

<<<http://frognets.net/~postrd/rp/Radio/KnightWB.JPG>>

> a phono osc may have been knight blue chassis and
>at least 3 tubes on it?
>

Rich

<fontfamily><param>Geneva</param>Boatanchor Pix website - KB8TAD
<<<http://oak.cats.ohiou.edu/~postr/bapix/>>

Museum of Radio and Technology

<<<http://oak.cats.ohiou.edu/~postr/MRT>> </fontfamily>

Date: Wed, 5 Dec 2001 12:19:50 -0500 (EST)
From: "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
Message-Id: <200112051719.MAA12987@aa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Muntz TV's

Admiral did an audio-output tube "double duty" ckt. 6AS5 was a sorta series regulator w. control grid biased @ half B+ & cathode feeding whole intercarrier IF strip.

Cute ckt.

Marty

Date: Wed, 5 Dec 2001 11:35:08 -0600 (CST)
From: Bob Roehrig <broehrig@aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Muntz TV's
Message-ID: <Pine.OSF.4.31.0112051132390.386723-1000000@mail.aurora.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 5 Dec 2001, Marty's Refl. Drop wrote:

> Admiral did an audio-output tube "double duty" ckt. 6AS5 was a sorta
> series regulator w. control grid biased @ half B+ & cathode feeding
> whole intercarrier IF strip.

Reminds me of the nasty trick Motorola used to bias the 6AQ5 audio outputs
in some of their VHF-FM receiver strips. They would use voltage from the
grid of the IF limiter stage. Problem if the IF strip/limiter had a
problem where the gain dropped off, the output tube would fry.

73 Bob Roehrig K9EUI
Aurora University Telecom/IS dept.
630-844-4898 broehrig@aurora.edu

Date: Wed, 5 Dec 2001 13:12:31 -0500 (EST)
From: "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
Message-Id: <200112051812.NAA16139@aa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com
Subject: Vintage Tube... Brass Yarmukas

The site propieter is laughing all the way to the bank... and laughing
hardest.

Sure has some neat gear tho. My favorite the Heath tube tester (hi hi).

In one "lab set-up" there's a UX227 tube under test.

Reminds me of the lead hollow-hemisphere that Atwater-Kent put on their
detectors in Model 33, etc. TRFs. Hollow-hemisphere was a sorta anti-
microphonic "skull cap," eg. yarmulka

List ogre Jack Hill always ends with this codpiece

"Plus ca change, plus c'est la meme chose"

Which in Navajo means "I had one grunch but the eggplant over there."

'rm

Message-Id: <200112051915.fB5JF0id019853@osr506.nanniandjack.com>
From: listtown@nanniandjack.com (Mail List Owner)
To: Old Tube Radios <boatanchors@theporch.com>
Subject: ADMINISTRIVIA: Using The Archives

Date: Wed, 5 Dec 2001 11:15:00 -0800 (PST)

Gang-

!!!THIS INFORMATION HAS CHANGED!!!!

!!!SAVE THIS FILE FOR FUTURE REFERENCE!!!!

This periodic post is designed to help everyone gain more value from their boatanchors subscription.

Often I receive an email request, or I read on the list, of someone who is aware there is an archive available with some special files with special information that is of a more permanent nature than a post to the list, but who is unaware of how to retrieve these gems.

In the archives, there are cross-reference tables for Tubes, Military Equipment Nomenclature, suggestions for restorations and modifications to our beloved fire bottle rigs, and some wonderful stories of real adventures and the people involved.

These files may be accessed by the Web... quickly and easily.
These files can also be accessed by email.

For WWW access:

- go to <http://www.theporch.com>
- select "Mailing List Web Interface"
- on your first time there, click "Register For Full Account"
- follow the instructions, and BE SURE you use the email address that you have your BoatAnchors mail addressed to -- this interface will work ONLY for members of the list!

Once registered, you can:

- search the archives of previous posts (so far we haven't loaded all the previous posts online, but that is in the works;
- download the index of files;
- retrieve individual files
- manage your subscription via the web interface

AWESOME!

For email access:

Step One:

- send an email (leave the subject blank, or, if your mailer requires a subject, type a single character, like "a" in the subject box) to:

listproc@sco.theporch.com

Step Two:

- in the body type:

index boatanchors

NOTE: The index *includes* all the previous articles now available through the web interface, so the index is HUGE and difficult to search -- the web interface is much easier.

Step Three:

after checking out the index for files of interest, and finding the one or more you want to have sent to you, send another email to:

listproc@sco.theporch.com

and, in the body, type:
get boatanchors file.name

where you substitute the name of the file from the index for "file.name"

This should get you off to a good start. If you encounter any problems, please let me know at the address below.

--

73

Jack, W4KH/Mobile - - - Mailing List Archiver/Owner - - -
listtown@nanniandjack.com - "Plus ca change, plus c'est la meme chose"
"Il n'y a que les idiots qui ne changent jamais d'idee"
Wed Dec 5 11:15:00 PST 2001

Message-ID: <3C0E7D7B.986B3E2@mr.net>
Date: Wed, 05 Dec 2001 14:03:07 -0600
From: Robert Kemp <rkemp@mr.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Wanted: SB-102 PA cage cover
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Anyone out there have a junker around to assist in a few parts.
Just picked up a rig and it needs a little TLC!!!(among other things)
Bob.

Message-ID: <3C0E7994.5417F8BA@sympatico.ca>
Date: Wed, 05 Dec 2001 14:46:28 -0500
From: Jerry Proc <jerry.proc@sympatico.ca>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Western Electric Tube Tester

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Group,

A person I know who is not on this list picked up a Western Electric KS-5727-L1 tube tester that is missing some parts. It was originally made for Western Union by Hickok. Does anyone know if there is an exact cross reference to a Hickok model number? The biggest problem is the missing internal tube chart roll. Is another identical unit the only source for the chart roll?

--

Regards,
Jerry Proc VE3FAB
Toronto, Ontario
e-mail: jerry.proc@sympatico.ca
<http://webhome.idirect.com/~jproc/ve3fab>

From: "Shirli Sieb" <sieb@sympatico.ca>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Radio
Date: Wed, 5 Dec 2001 15:56:52 -0500
Message-ID: <LOBBJH0LOOHLIPLONIAFOEKNEJAA.sieb@sympatico.ca>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

CBC RADIO'S TUNING THE WORLD

Tuning the World is a lively celebration of the power of radio and its significance to humankind. Radio continues to shape humanity's understanding of itself 100 years after Guglielmo Marconi's first transatlantic wireless transmission from Cornwall, England to Signal Hill in St. John's, Newfoundland.

This was the event that made the world realize that a new communications medium had been born. CBC Radio's celebrations begin with special programming in the weeks leading up to the anniversary on Wednesday, December 12. On that day, both CBC Radio One and CBC Radio Two will celebrate Marconi's incredible feat by both reflecting on radio's past and looking to its future in the new millennium.

As part of the celebrations, CBC Radio 3 brings you the Marconi Global

Sampler: an interactive sound and visual mixer. A world only imagined 100 years ago, now at your fingertips.

The site also contains a complete list of Tuning the World programming, which begins November 30 on CBC Radio One and CBC Radio Two. For more information, visit the Tuning the World web site at www.tuningtheworld.com .

Regards, Josie Buiza,
Communications New Media CBC.ca
(<http://www.cbc.ca/>) Toronto, Canada

Message-ID: <3C0E9AC5.A5E986E@dancris.com>
Date: Wed, 05 Dec 2001 15:08:04 -0700
From: David Hollander <n7rk@dancris.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: [Fwd: need help with a military radio]
Content-Type: multipart/mixed;
boundary="-----2B83252202C22BC218F2E31D"

This is a multi-part message in MIME format.

-----2B83252202C22BC218F2E31D
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"
Content-Transfer-Encoding: 7bit

Can anyone who is familiar with military radios possibly give some suggestions on this one?

Thanks,

Dave

--

Dave N7RK - Webmaster CADXA <http://cadxa.org>
Phoenix, Arizona *DXCC Honor Roll* *WAZ#23 - 75 Meter SSB*

ex-XE2/N7RK, N7RK/ZB2, VK2ERK, ZM0AJN, WB6NRK, WN6IWX

Boatanchor Collector Extraordinaire preferring Hallicrafters, National and what ever else looks interesting!

E-Mail: n7rk@dancris.com

Home Page:

<http://www.dancris.com/~n7rk>

-----2B83252202C22BC218F2E31D

Content-Type: message/rfc822

Content-Transfer-Encoding: 7bit

Content-Disposition: inline

Return-Path: <Scott.Deuty@Primarion.com>

Received: from maxx.primarion.com ([12.34.76.71])

by mail.dancris.com (8.11.2/8.11.2) with ESMTP id fB402ut23231

for <n7rk@dancris.com>; Mon, 3 Dec 2001 17:02:56 -0700

Received: by MAXX with Internet Mail Service (5.5.2650.21)

id <VT5PC9KQ>; Mon, 3 Dec 2001 17:02:25 -0700

Message-ID: <F14AB75997B5D3119CA8009027CAE5C1922C87@MAXX>

From: "Deuty, Scott" <Scott.Deuty@Primarion.com>

To: "Dave Hollander (E-mail)" <n7rk@dancris.com>,

"Parmenter, Kevin"

<kevin.parmenter@Primarion.com>

Subject: need help with a military radio

Date: Mon, 3 Dec 2001 17:02:23 -0700

MIME-Version: 1.0

X-Mailer: Internet Mail Service (5.5.2650.21)

Content-Type: text/plain;

charset="iso-8859-1"

X-Mozilla-Status2: 00000000

Kevin/Dave,

My neighbor is building a 50's area Marine Corps Jeep that was a radio truck and he needs some help identifying and locating the radio for the truck.

Can you help?

Scott Deuty, Manager

Power Applications

Primarion

2507 W. Geneva

Tempe, AZ 85282

(602) 454-7205 x1009

(602) 414-1779 Direct!!!!

fax (602) 454-7220

mobile (602) 538-9946

-----2B83252202C22BC218F2E31D--

Message-ID:

<07A064EA6042D4118A62009027F70E77181CFF@nt_exchange.vifp.monash.edu.au>

From: Morris Odell <MorrisO@vifp.monash.edu.au>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Vintage Tube Services web page
Date: Thu, 6 Dec 2001 09:35:20 +1100
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hi all,

As many have observed that site was pretty over-the-top as far as audiophoolery is concerned, But regarding tube dampers, there may be a smidgen of method in their madness.

Tubes were "slugged" for want of a better term to reduce microphonics & provide electrosatatic shielding, especially in conjunction with shock mounts. An example of this is in the HP video amplifier plugin for the monstrous 524 series of vacuum tube electronic counters. The input tubes, two 6AK5s IIRC, are mounted on a floating rubber-isolated plate and surrounded with close fitting heavy diecast cylindrical sleeves. This no doubt reduces the vibration resonance frequency. (The 524 mainframe has a rather large fan). Another example is the nuvistor mounts in early Tek 1A1 plugins where the 2 nuvistors were fitted into in a thick metal housing with silicone rubber lined holes into which each tube nestled snugly. The whole assembly was also on a shock mounted plate. No gold plating though, they were that lovely Tek blue.

Gee that old test gear looked nice, even though it's in the service of the dark side...

73, Morris

Message-ID:
<07A064EA6042D4118A62009027F70E77181D00@nt_exchange.vifp.monash.edu.au>
From: Morris Odell <MorrisO@vifp.monash.edu.au>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: 390A - What do I do now?
Date: Thu, 6 Dec 2001 09:42:39 +1100
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hi all,

I finally took my own advice and got a residual current (aka earth leakage, core balance) circuit breaker fitted to the boatanchorium power supply. Now I find I can't use the R-390A, or even plug it in, because the configuration

of the line filter results in enough leakage to trip the breaker.

Looking at the manual, there are pi networks in each mains lead with the caps returned to ground.

I would be interested to hear of any fixes for this. I don't want to use an isolation transformer - that defeats the purpose of the RCCB in the first place. I remember reading suggestions such as rebuilding the filter or replacing it with a modern computer type one (no problem with one of those in a piece of homebrew gear in my shack).

Any suggestions?

Thanks guys

73, Morris VK3DOC

End of BOATANCHORS Digest 3262

20011207.ba.v03_n2630100644000007200000310000006714607414301220013334 0ustar
modenaftp-admin20011207.ba v03_n263.bam.20011207

>From ???@??? Fri Dec 7 10:30:20 2001 -0600
Message-Id: <200112071630.fB7GU157021999@sco.theporch.com>
Date: Fri, 7 Dec 2001 10:29:26 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3263

BOATANCHORS Digest 3263

Topics covered in this issue include:

- 1) Re: 390A - What do I do now?
by Arden Allen <gumbear@pacbell.net>
- 2) Fwd: Re: 390A - What do I do now?
by Tom Norris <r390a@bellsouth.net>
- 3) FOR TRADE: WWII RU-19 SPARE CHEST W/CONTENTS
by David Stinson <arc5@ix.netcom.com>
- 4) RE: 390A - What do I do now?
by "Bill Hawkins" <bill@iaxs.net>
- 5) Someone has patented the solder joint.
by "Richard Humphrey" <n6nae@ix.netcom.com>
- 6) Re: Low Power am phono osc....

- by "ed sharpe" <esharpe@uswest.net>
- 7) Re: 390A - What do I do now?
by "Don Davis" <dxguy@earthlink.net>
- 8) Walter Ashe
by "Smith" <smithab11@home.net>
- 9) Pre-spring cleaning
by tsmith@hal-pc.org
- 10) FS: National HRO-50
by JONWEINER@aol.com
- 11) CMS-1 information sought
by w5sum@glowbugs.com
- 12) Re: 390A - What do I do now?
by Arden Allen <gumbear@pacbell.net>
- 13) Re: 390A - What do I do now?
by Arden Allen <gumbear@pacbell.net>
- 14) Subscribe
by "Charles Hugg" <chashugg@earthlink.net>
- 15) AT&T Mackay Marine VLF regen
by Gary Pewitt N9ZSV <gpewitt@execpc.com>
- 16)
by Chuck Swiger <cswiger@widomaker.com>
- 17) Historic QSL's free for postage
by "A. B. Bonds" <ab@vuse.vanderbilt.edu>
- 18) QSL's gone
by "A. B. Bonds" <ab@vuse.vanderbilt.edu>
- 19) Anyone heard from Howard, K3HW?
by Bill Cotter <bcotter@pop.uky.edu>

Date: Wed, 05 Dec 2001 18:20:29 -0800
From: Arden Allen <gumbear@pacbell.net>
Subject: Re: 390A - What do I do now?
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <0GNW001N3H6L5Q@mta5.snfc21.pbi.net>
MIME-version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: 7bit

Hi Morris;

>I would be interested to hear of any fixes for this.

There is a very simple fix for your problem. Take the GFI (we call it a ground fault interrupter) out and put it in the garage with all the other castoffs. I would put it in the trash.

I can't figure out why any ham, assuming he/she has the nominal amount of common sense associated with that of a billy goat, would want one of those

trouble makers in the radio shack. Radios, particularly the BA variety, are made of metal. That means you have to GROUND them if you want to avoid being part of the power distribution system. So what are we worried about? Fire, I think. If something fizzles due to insulation breakdown you don't want stuff to erupt in flames. Smoke, OK. Fire, nyet!

The good news is electronic components built in the last 50 years or so are designed to just smoke when they fail. Most of them do. There are very few exceptions, and that is only because someone screwed up in the design validation phase (always time to redesign it, never enough time to do it right the first time).

What's the solution? If the radio has to smoke, let it. But don't let it encourage other radios to smoke. Or drapes, furniture, clothing, carpeting, the liquor cabinet, etc.....

The GFI's belong in the bathroom, kitchen and patio circuits where people are likely to stick one hand in the wrong place while standing on conductive ground or hanging onto a water faucet with the other hand. Does this make sense? Baaaaahahahah...

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Message-Id: <4.3.2.7.2.20011205205137.0202f940@bna.bellsouth.net>

Date: Wed, 05 Dec 2001 20:54:27 -0600

To: Old Tube Radios <boatanchors@theporch.com>

From: Tom Norris <r390a@bellsouth.net>

Subject: Fwd: Re: 390A - What do I do now?

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Arden Allen says --

{ edited }

>The GFI's belong in the bathroom, kitchen and patio circuits where people
>are likely to stick one hand in the wrong place while standing on
>conductive ground or hanging onto a water faucet with the other hand. Does
>this make sense? Baaaaahahahah...

So, this means that I should only need a GFI if I have an R-390A in the bathroom? Well I do have 4 of them, there could be one put there, though I would think one of my spare SP-600's would sound better audio-wise in that small tile walled room. heehee

73

Tom KA4RKT

Message-ID: <3C0EE918.6C767D6C@ix.netcom.com>
Date: Wed, 05 Dec 2001 21:42:16 -0600
From: David Stinson <arc5@ix.netcom.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FOR TRADE: WWII RU-19 SPARE CHEST W/CONTENTS
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

TRADE:

Have: RU-19 WW-II Aircraft Receiver Spares Chest.
New-old-stock. Full contents. Beautiful.

WANT:

One of the following spares chests *with or without* contents.

In order of preference:

AN/ARC-5 (CBY issue only. Don't need CCT issue).

GF-11/RU-16

RU-16

TCS (-12 preferred as that matches my set).

SCR-183

SCR-274N

SCR-287

AN/ARC-8

Other WW-II era aircraft or infantry portable spares chests considered.

Conditions:

Must be in good shape, meaning- no major wood gouges or holes drilled to make it a toy box. I can fix minor dings and dents with a steam iron, but busted or peeled wood with axe marks...nah. No repaints that I have to strip. No missing separators or other missing pieces. Paint doesn't have to be perfect but does have to be 100% restorable.

Most important- Nomenclature printing or plate must be unmarred and fully

legible. Paper labels or printing inside- if not unmarred, at least legible and complete.

Minor defects OK- depends on what's "minor" ;-).

Photos may be requested and will be supplied on request.

If your box is heavier then mine, I'll even up the shipping costs with you.

TNX ES 73 DE Dave AB5S
arc5@ix.netcom.com

From: "Bill Hawkins" <bill@iaxs.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: 390A - What do I do now?
Date: Wed, 5 Dec 2001 21:58:13 -0600
Message-ID: <000201c17e0a\$39f64c60\$290aa8c0@darius>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Morris,

The way I look at it, if a radio was designed before RCCB or GFCI, then don't use one to supply mains power to it. Instead, use the wiring of yesteryear and GROUND the radio chassis. With the radio properly grounded, none of that energy generated by zillions of pounds of rotating equipment will be able to bite you. Assuming that the line is properly fused for the wire sizes carrying power and ground fault currents, that is.

If you ground the radio to a ground rod instead of the power service ground, you are responsible for maintaining the adequacy of that ground. Maybe someone has to hose it down once in a while to give it a fighting chance of carrying enough fault current to blow a fuse.

OTOH, the filter was designed for worst-case military conditions, such as being plugged into the same circuit as transmitters that are operating on other frequencies. It has been said that a 0.01 mfd cap is all that is needed for home use. This will not disturb a 5 milliamp RCCB/GFCI.

I'm a minimalist in that regard. It requires no changes to the radio if I just connect the case to a ground that is traceable to the power company entrance ground. But there have been more words written on this subject than, say, twinax antenna connectors so it's your choice.

Not that we ever solved the antenna problem ...

Best regards,
Bill Hawkins

Message-ID: <41200112465423640@ix.netcom.com>
From: "Richard Humphrey" <n6nae@ix.netcom.com>

To: Old Tube Radios <boatanchors@theporch.com>
Subject: Someone has patented the solder joint.
Date: Wed, 5 Dec 2001 21:4:23 -0800
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----_NextPart_84815C5ABAF209EF376268C8"

-----_NextPart_84815C5ABAF209EF376268C8
Content-type: text/plain; charset=US-ASCII

Hi:

Now I know the world is nuts. Doing some reading on lead-free soldering. Circuits Assembly magazine, Dec 2001. The European Union is moving to stop the use of lead bearing solder by 2006. Better stock up.

Some of the alloys being investigated are Sn96/Ag4 (not good, subject to fatigue failure), Sn/Ag4/Cu0.5, and Sn/Ag2.5/Cu0.7/Sb0.5. The last one melts at 217C.

The last formula has a patent on it, but has been freely licensed.
How kind!

The developer/promoter of Sn/Ag4/Cu0.5 hasn't patented the alloy, but they have a patent on the solder joints made with it!!!!!! Just think of the money making possibilities. Hah, I'm rushing out to patent the knob and the pushbutton.

Richard

-----_NextPart_84815C5ABAF209EF376268C8
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
* (such as an attached file, a v-card, HTML formatting) *
* Mail Lists at theporch.com only accept PLAIN TEXT *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

-----=_NextPart_84815C5ABAF209EF376268C8--

Date: Wed, 5 Dec 2001 22:13:44 -0700
Message-ID: <009a01c17e14\$c7d64a80\$0100a8c0@smeccxp>
From: "ed sharpe" <esharpe@uswest.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Low Power am phono osc....
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----=_NextPart_000_0097_01C17DDA.1AB24DC0"

This is a multi-part message in MIME format.

-----=_NextPart_000_0097_01C17DDA.1AB24DC0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

THAT IS IT!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

Please anyone out there with this that they would sell of trade?!
thanks ed!

----- Original Message -----=20
From: Richard Post=20
To: Old Tube Radios=20
Sent: Wednesday, December 05, 2001 10:13 AM
Subject: Low Power am phono osc....

Ed Sharpe mentioned a device from his youth. Not ready to sell mine =
but do have a picture of it.

The Knight-kit does indeed have a blue chassis with three tubes. One =
50C5 is oscillator, the other 50C5 is a modulator.

Pic is at

<<http://frognet.net/~postrd/rp/Radio/KnightWB.JPG>>

> a phono osc may have been knight blue chassis and
>at least 3 tubes on it?
>

Rich

Boatanchor Pix website - KB8TAD
<<http://oak.cats.ohiou.edu/~postr/bapix/>>=20

Museum of Radio and Technology
<<http://oak.cats.ohiou.edu/~postr/MRT>>=20

-----=_NextPart_000_0097_01C17DDA.1AB24DC0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
* (such as an attached file, a v-card, HTML formatting) *
* Mail Lists at theporch.com only accept PLAIN TEXT *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

-----=_NextPart_000_0097_01C17DDA.1AB24DC0--

Message-ID: <013201c17e24\$90814d40\$8de8b3d1@hppav>
From: "Don Davis" <dxguy@earthlink.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: 390A - What do I do now?
Date: Wed, 5 Dec 2001 23:06:43 -0800
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

GFCIs are actually quite valuable in a lab environment. They save lives.
PERIOD. In my job, I'm responsible for the well-being and safety of over
100 techs and engineers in my department, so I have to take this stuff
seriously. We use GFCIs on all of our main lines, and portable units for
maint on big fixed installations not so equipped.

If your equipment won't work properly with a GFCI, repair the equipment. If

you don't want to modify a priceless piece of gear, then use an isolation xfmr. Ground the cabinets (ALWAYS), and use away. Yes, it is compatible with GFCI. The GFCI is there to break the circuit if you get between ground and the hot side of the line. Has nothing to do with radios smoking or shorting out, etc. Only to protect human life. Of course, if you get between the hot side and the return.....

73s

Don Davis AD6PB

----- Original Message -----

From: "Arden Allen" <gumbear@pacbell.net>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Wednesday, December 05, 2001 6:20 PM
Subject: Re: 390A - What do I do now?

> Hi Morris;
>
> >I would be interested to hear of any fixes for this.
>
> There is a very simple fix for your problem. Take the GFI (we call it a
> ground fault interrupter) out and put it in the garage with all the other
> castoffs. I would put it in the trash.
>
> I can't figure out why any ham, assuming he/she has the nominal amount of
> common sense associated with that of a billy goat, would want one of those
> trouble makers in the radio shack. Radios, particularly the BA variety,
> are made of metal. That means you have to GROUND them if you want to
avoid
> being part of the power distribution system. So what are we worried
about?
> Fire, I think. If something fizzles due to insulation breakdown you
don't
> want stuff to erupt in flames. Smoke, OK. Fire, nyet!
>
> The good news is electronic components built in the last 50 years or so
are
> designed to just smoke when they fail. Most of them do. There are very
> few exceptions, and that is only because someone screwed up in the design
> validation phase (always time to redesign it, never enough time to do it
> right the first time).
>
> What's the solution? If the radio has to smoke, let it. But don't let it
> encourage other radios to smoke. Or drapes, furniture, clothing,
> carpeting, the liquor cabinet, etc.....

>
> The GFI's belong in the bathroom, kitchen and patio circuits where people
> are likely to stick one hand in the wrong place while standing on
> conductive ground or hanging onto a water faucet with the other hand.
Does
> this make sense? Baaaaahahahah...
>
> Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net
>
>

Message-ID: <000701c17e5c\$297355c0\$b2a70141@dover1.de.home.com>
From: "Smith" <smithab11@home.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Walter Ashe
Date: Thu, 6 Dec 2001 08:44:43 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Any one have a
Walter Ashe Transmitter kit AT-25 (6AG6/6L6), WAP-25 Power Supply. Need
some pictures or better yet trade or purchase.

Breck K4CHE

Message-Id: <200112061359.HAA29440@mail.hal-pc.org>
To: Old Tube Radios <boatanchors@theporch.com>
From: tsmith@hal-pc.org
Subject: Pre-spring cleaning
Date: Thu, 6 Dec 2001 13:59:46 GMT

I am thinning out some of my stuff and will pass it by the boatanchors to check
for interest. The gear is in working (at last use but will check again before
the sale) and in nice to excellent condition and with original manual when
available or copies. I would prefer local pickup especially on the 30S1. Jpegs
available on all. If interested, please drop me a email.

Collins 51J4	\$700.00	
Collins 30S1	\$1400.00	W/new spare final
Collins 51S1	\$1000.00	
TCS-12	\$375.00	matching serial number and some accessory gear

Thanks!

Tom
N5AMA

From: JONWEINER@aol.com
Message-ID: <ff.1032cede.2940e1bc@aol.com>
Date: Thu, 6 Dec 2001 09:59:08 EST
Subject: FS: National HRO-50
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="part1_ff.1032cede.2940e1bc_boundary"

--part1_ff.1032cede.2940e1bc_boundary
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I have for sale a very nice National HRO-50 receiver that I've had on the shelf for quite a while. It is the cabinet model and includes the standard four coil sets (A,B,C,& D). In very good condition, with all correct knobs and dial band strips. The cabinet is in very good condition with just a few scuffs, which should buff out with auto wax, no extra holes. The only modification appears to be the addition of a product detector that plugs into the NBFM socket. It should be easy to return it to stock condition. Seems to be working OK, but will need the controls and switches cleaned and probably an alignment. Copy of the manual included. Price: \$350.

Jon, K1VVC
Greenville, SC

--part1_ff.1032cede.2940e1bc_boundary
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
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* * * * *

--part1_ff.1032cede.2940e1bc_boundary--

Date: Thu, 6 Dec 2001 16:31:10 -0600

Message-Id: <200112062231.fB6MVAvo016807@ms1.nwla.com>
To: Old Tube Radios <boatanchors@theporch.com>
From: w5sum@glowbugs.com
Subject: CMS-1 information sought
MIME-Version: 1.0
Content-Type: multipart/mixed;
boundary="-----841733508783348108015201"

This is a MIME-encapsulated message.

-----841733508783348108015201
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

anyone have any information on Chicago Transformer Company CMS-1 modulation transformer? Specs? Hookup info? hep me hep me :)

thanks

Ronnie - W5SUM

-----841733508783348108015201--

Date: Thu, 06 Dec 2001 17:31:21 -0800
From: Arden Allen <gumbear@pacbell.net>
Subject: Re: 390A - What do I do now?
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <0GNY00JKM9KPXH@mta7.pltn13.pbi.net>
MIME-version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: 7bit

On the other hand, Tom, you could put the toilet in the radio shack and then you would have the grounds you need to conduct that old buzzard that may make it into the Guinness Book of World Records.

.....

> Arden Allen says --

>

> { edited }

>

>

> >The GFI's belong in the bathroom, kitchen and patio circuits where people

> >are likely to stick one hand in the wrong place while standing on

> >conductive ground or hanging onto a water faucet with the other hand.

Does

> >this make sense? Baaaaahahahah...

>

>

> So, this means that I should only need a GFI if I have an R-390A in the

> bathroom? Well I do have 4 of them, there could be one put there, though

> I would think one of my spare SP-600's would sound better audio-wise

> in that small tile walled room. heehee

>

> 73

>

> Tom KA4RKT

Date: Thu, 06 Dec 2001 18:00:29 -0800

From: Arden Allen <gumbear@pacbell.net>

Subject: Re: 390A - What do I do now?

To: Old Tube Radios <boatanchors@theporch.com>

Message-id: <0GNY00H78BQ7QH@mta7.pltn13.pbi.net>

MIME-version: 1.0

Content-type: text/plain; charset=ISO-8859-1

Content-transfer-encoding: 7bit

Hi Don;

You are quite right. GFCI's are a valuable safety tool in an industrial environment. If you stop to consider, the industrial environment is very much like the kitchen-bathroom-patio home environment. Lots of places to connect yourself to ground and lots of opportunities to handle poorly grounded (if at all) electrical equipment suffering from deferred maintenance (you should see the place I work in!). The home workshop can be made safer by utilizing GFCI's for the work bench.

But don't confuse a radio station setup with a lab work bench. If you are, you are not thinking safety.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

.....

> GFCIs are actually quite valuable in a lab environment. They save lives.

> PERIOD. In my job, I'm responsible for the well-being and safety of over

> 100 techs and engineers in my department, so I have to take this stuff

> seriously. We use GFCIs on all of our main lines, and portable units for

> maint on big fixed installations not so equipped.

>

> If your equipment won't work properly with a GFCI, repair the equipment.

If

> you don't want to modify a priceless piece of gear, then use an isolation

> xfmr. Ground the cabinets (ALWAYS), and use away. Yes, it is

compatible
> with GFCI. The GFCI is there to break the circuit if you get between
ground
> and the hot side of the line. Has nothing to do with radios smoking or
> shorting out, etc. Only to protect human life. Of course, if you get
> between the hot side and the return.....
>
> 73s
>
> Don Davis AD6PB
>
>
> ----- Original Message -----
> From: "Arden Allen" <gumbear@pacbell.net>
> To: "Old Tube Radios" <boatanchors@theporch.com>
> Sent: Wednesday, December 05, 2001 6:20 PM
> Subject: Re: 390A - What do I do now?
>
>
> > Hi Morris;
> >
> >I would be interested to hear of any fixes for this.
>
> >
> > There is a very simple fix for your problem. Take the GFI (we call it
a
> > ground fault interrupter) out and put it in the garage with all the
other
> > castoffs. I would put it in the trash.
> >
> > I can't figure out why any ham, assuming he/she has the nominal amount
of
> > common sense associated with that of a billy goat, would want one of
those
> > trouble makers in the radio shack. Radios, particularly the BA
variety,
> > are made of metal. That means you have to GROUND them if you want to
> avoid
> > being part of the power distribution system. So what are we worried
> about?
> > Fire, I think. If something fizzles due to insulation breakdown you
> don't
> > want stuff to erupt in flames. Smoke, OK. Fire, nyet!
> >
> > The good news is electronic components built in the last 50 years or so
> are
> > designed to just smoke when they fail. Most of them do. There are
very

> > few exceptions, and that is only because someone screwed up in the design
> > validation phase (always time to redesign it, never enough time to do it
> > right the first time).
> >
> > What's the solution? If the radio has to smoke, let it. But don't let it
> > encourage other radios to smoke. Or drapes, furniture, clothing, carpeting, the liquor cabinet, etc.....
> >
> > The GFI's belong in the bathroom, kitchen and patio circuits where people
> > are likely to stick one hand in the wrong place while standing on
> > conductive ground or hanging onto a water faucet with the other hand.
> Does
> > this make sense? Baaaaahahahah...
> >
> > Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net
> >
> >

Message-ID: <002301c17edc\$d46861c0\$143cfc9e@chashugg>
From: "Charles Hugg" <chashugg@earthlink.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Subscribe
Date: Thu, 6 Dec 2001 21:05:44 -0800
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----=_NextPart_000_0020_01C17E99.C5528460"

This is a multi-part message in MIME format.

-----=_NextPart_000_0020_01C17E99.C5528460
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Subscribe

-----=_NextPart_000_0020_01C17E99.C5528460
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
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* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

-----=_NextPart_000_0020_01C17E99.C5528460--

Message-Id: <5.1.0.14.0.20011207091940.00affeb8@mail.execpc.com>
Date: Fri, 07 Dec 2001 09:24:48 -0600
To: Old Tube Radios <boatanchors@theporch.com>
From: Gary Pewitt N9ZSV <gpewitt@execpc.com>
Subject: AT&T Mackay Marine VLF regen
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I just received a very nice Mackay Marine model 3001A vlf regen receiver. It has six tubes plus a ballast tube. Of course now I need a manual or at least a schematic. Any pointers to a manual or advice gratefully accepted. Any chance of finding a cabinet for it?
Thanks and 73 Gary N9ZSV gpewitt@execpc.com

Message-Id: <4.3.1.1.20011207101933.00dcf7c0@192.168.0.134>
Date: Fri, 07 Dec 2001 10:30:02 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Chuck Swiger <cswiger@widomaker.com>
Subject:
Cc: "ed sharpe" <esharpe@uswest.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Ok Ed and any interested parties - the PE reviews of the Allied Knight Kit Wireless Phono Broadcaster are posted at

<http://www.widomaker.com/~cswiger/knight/>

There were actually 2 reviews, May 1955 and another in June 1959. The kit was apparently updated some as the earlier model shows a choke in the modulator plate, whereas the later model has an output transformer to drive a speaker where the choke was. Uses Heising modulation. The 1955 issue has enough detail to build one from available parts, except for the oscillator coil, only described as an Allied type RK-40. Any info on those out there?

Save 'em if you want 'em - I only have a 5 Mb quota so these will disappear on the next web project.

Chuck
kb4new
cswiger@widomaker.com

Message-Id: <5.1.0.14.0.20011207093616.03a67b98@vuse.vanderbilt.edu>
Date: Fri, 07 Dec 2001 09:39:07 -0600
To: Old Tube Radios <boatanchors@theporch.com>
From: "A. B. Bonds" <ab@vuse.vanderbilt.edu>
Subject: Historic QSL's free for postage
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I have a stack (about 8.5 x 11 x 6" high) of historic 60's and 70's QSL cards, with heavy international content. These were sent to W4VSV (the Vanderbilt student station). As all things must pass, the station went belly up about five years ago and we are now tossing the records.

Weights about 4 lbs, free for postage. If no replies by Monday, is dumpster fodder.

A. B. Bonds

Message-Id: <5.1.0.14.0.20011207100121.03a67b98@vuse.vanderbilt.edu>
Date: Fri, 07 Dec 2001 10:01:53 -0600
To: Old Tube Radios <boatanchors@theporch.com>
From: "A. B. Bonds" <ab@vuse.vanderbilt.edu>
Subject: QSL's gone
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Sez it all, no more enquiries thanks.

A. B.

Message-Id: <5.0.0.25.2.20011207113012.05912c58@pop.uky.edu>
Date: Fri, 07 Dec 2001 11:30:20 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Bill Cotter <bcotter@pop.uky.edu>
Subject: Anyone heard from Howard, K3HW?
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi -

I was concerned about Howard Weinstein, K3HW, who hasn't been heard from for a month or so. For a guy who is an avid communicator this silence makes wonder if he's OK or just QRT for a while. Haven't heard him on the bands, and several e-mails to his k3hw@hotmail.com and k3hw@yahoo addresses have bounced.

Howard, if you're out there, drop me a line.....

73 bill n4alg

End of BOATANCHORS Digest 3263

20011207.ba.v03_n2640100644000007200000310000007513007414301220013325 0ustar
modenaftp-admin20011207.ba v03_n264.bam.20011207

>From ???@??? Fri Dec 7 21:16:43 2001 -0600
Message-Id: <200112080315.fB83FG57008143@sco.theporch.com>
Date: Fri, 7 Dec 2001 21:11:09 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3264

BOATANCHORS Digest 3264

Topics covered in this issue include:

- 1) Re: Anyone heard from Howard, K3HW?
by Bruce Muscolino <w6toy@erols.com>
- 2) Re: AT&T Mackay Marine VLF regen
by "Sandy W5TVW" <ebjr@i-55.com>
- 3) Re: Western Electric Tube Tester
by Roy Nollkamper <k7jaq@yahoo.com>
- 4) Re: Western Electric Tube Tester
by Richard Loken <richardlo@devax.admin.athabascau.ca>
- 5) Re: oscilloscope help
by jan@skirrow.org
- 6) Re: HP Test Equipment Repair?
by jan@skirrow.org
- 7) Re: 390A - What do I do now?
by jan@skirrow.org
- 8) Re: 390A - What do I do now?
by Bob Roehrig <broehrig@aurora.edu>
- 9) Re: Western Electric Tube Tester
by JACK M IVERSON <jackiv@juno.com>

- 10) Re: HP Test Equipment Repair?
by Jerry Proc <jerry.proc@sympatico.ca>
- 11) RE: 390A - What do I do now?
by "Bill Hawkins" <bill@iaxs.net>
- 12) Re: HP Test Equipment Repair?
by "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>
- 13) Re: HP Test Equipment Repair?
by "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>
- 14) RE: 390A - What do I do now?
by jan@skirrow.org
- 15) Re: wanted : Low Power am phono osc....
by Larry Bearse <lbearse@mail1.nai.net>
- 16) General Radio Type 1025-A Standard Sweep-Frequency Generator
by "Rich Force" <bhabooks@together.net>
- 17) "Join-up" Instructions
by "R. W. Downs - BLB, AL" <RWDowns_WA5CAB@compuserve.com>
- 18) Re: 390A - What do I do now?
by Arden Allen <gumbear@pacbell.net>

Message-ID: <3C110DE0.CE9BC9B8@erols.com>
Date: Fri, 07 Dec 2001 13:43:44 -0500
From: Bruce Muscolino <w6toy@erols.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Anyone heard from Howard, K3HW?
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I recently purchased a Hammarlund HQ110 from Howard. The transaction had some bumps in it because of a death in his family. I have not heard from him for about 30 days.

73

Message-ID: <001101c17f54\$e412c3e0\$20a0cdd1@ebjr>
From: "Sandy W5TVW" <ebjr@i-55.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: AT&T Mackay Marine VLF regen
Date: Fri, 7 Dec 2001 12:53:18 -0600
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: "Gary Pewitt N9ZSV" <gpewitt@execpc.com>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Friday, December 07, 2001 9:24 AM
Subject: AT&T Mackay Marine VLF regen

> I just received a very nice Mackay Marine model 3001A vlf regen
> receiver. It has six tubes plus a ballast tube. Of course now I need a
> manual or at least a schematic. Any pointers to a manual or advice
> gratefully accepted. Any chance of finding a cabinet for it?
> Thanks and 73 Gary N9ZSV gpewitt@execpc.com
>

> I have a schematic here I can scan. (If I can find it!)
Normally, they came without a cabinet as they were
either rack mounted or mounted in one of Mackay's
special console housings.

73,

Sandy W5TVW

Message-ID: <20011207193119.20156.qmail@web11503.mail.yahoo.com>
Date: Fri, 7 Dec 2001 11:31:19 -0800 (PST)
From: Roy Nollkamper <k7jaq@yahoo.com>
Subject: Re: Western Electric Tube Tester
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Jerry Proc <jerry.proc@sympatico.ca> wrote:

> Hello Group,
>
> A person I know who is not on this list picked up a
> Western Electric
> KS-5727-L1 tube tester that is missing some parts.
> Hi Jerry and the group:

I have a WE tester #KS-15560L1/L2 which the manual
says is the same as a Hickock KS-15560L1/L2 tester,
but the WE has much better accuracy according to the
manual.

I imagine the tube charts are the same with the
exception of the listing of the WE tubes which this
one has, and comes in very handy.

I have schematics and manuals for both of mine if they

would be of any help.

Roy, K7JAQ

Do You Yahoo!?

Send your FREE holiday greetings online!

<http://greetings.yahoo.com>

Date: Fri, 07 Dec 2001 13:03:26 -0600 (MDT)

From: Richard Loken <richardlo@devax.admin.athabascau.ca>

Subject: Re: Western Electric Tube Tester

To: Old Tube Radios <boatanchors@theporch.com>

Cc: Old Tube Radios <boatanchors@theporch.com>

Message-id:

<Pine.PMDF.3.95.1011207125904.541198579Q-100000@devax.admin.athabascau.ca>

MIME-version: 1.0

Content-type: TEXT/PLAIN; charset=US-ASCII

On Fri, 7 Dec 2001, Roy Nollkamper wrote:

> I have a WE tester #KS-15560L1/L2 which the manual
> says is the same as a Hickock KS-15560L1/L2 tester,
> but the WE has much better accuracy according to the
> manual.

KS1556... has the look and feel of a Western Electric stock number so if the Hickok comes with a KS number then it was likely built for Mother Bell just like Stewart Warner built R390A's for the US military.

How could a Hickok have less accuracy than a WE? Bell and WE were every bit as good as the US military at making sure that their purchases met the required standards.

Richard Loken VE6BSV, Systems Programmer - VMS

Athabasca University

Athabasca, Alberta Canada

** richardlo@admin.athabascau.ca **

Message-Id: <4.3.2.7.2.20011207120327.00d131d0@mail.islandnet.com>

Date: Fri, 07 Dec 2001 12:06:53 -0800

To: Old Tube Radios <boatanchors@theporch.com>

From: jan@skirrow.org

Subject: Re: oscilloscope help

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

At 10:20 AM 12/3/01 -0500, russ dworakowski wrote:

>Hello group,

> A call for assistance with my o'scope, as I do not know much about
> these. Mine is an old De Vry Tech school model, 5 inch audio

Hi Russ ...

It sticks in my mind that these were either Heath or Eico in origin - someone with one of these olde units might be able to confirm the tube lineup - then you can find a schematic I expect. Did you try gently tapping each tube to see if the dimming could be triggered??? I don't remember how the HV was generated in these old scopes, but I'd check for arcing or insulation breakdown everywhere the HV is - dust and age make a great path for the kind of accelerating voltages even in these old 5BP1 based scopes.

Jan Skirrow, VE7DJX

... in beautiful British Columbia, Canada

*** <http://skirrow.org/Boatanchors/> ***

Message-Id: <4.3.2.7.2.20011207114224.00cc04e0@mail.islandnet.com>

Date: Fri, 07 Dec 2001 12:02:30 -0800

To: Old Tube Radios <boatanchors@theporch.com>

From: jan@skirrow.org

Subject: Re: HP Test Equipment Repair?

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

At 10:57 AM 12/2/01 -0600, David Stinson wrote:

>Anyone know if there's an outfit that will repair

>lab-grade HP equipment for less then the cost of a new car?

>I've got a freq. synthesizer that needs help.

Hi Dave ...

In the course of my BA activities, I've repaired quite a range of HP test gear - altho I am no expert!!! But I've learned a few things that might help if you decide to have a serious go at it yourself. The cost of commercial repair services is so high that there may be no other way to go. You didn't say what model, or the approx age - but maybe the following will help a bit.

First, with relatively new HP gear (70s-80s) that hasn't been stored in a

corrosive atmosphere (so the pcbs etc are clean) most of the problems are either power supply or a single component that has failed, usually due to age. For example, HP used a lot of small fuses on PS pcbs. These seem to fail with age. Electrolytics are sometimes a problem, but not like 1950s-60s ones. I had an HP8640B that was intermittent on one half of one band - turned out to be an intermittent inductor on an RF filter board. Altho the 8640B was intimidating, it turned out to be fairly easy to trouble shoot, especially with the manual! Many HP transistors etc have commercial equivalents, and cross reference lists are available.

Second, HP gear from the period when they were making the switch to custom ICs and multi-layer pcbs are prone to failure due to contamination of both the semis during manufacture and the boards themselves. This shows up as obvious corrosion of IC contacts, pcb traces etc. This can be very difficult to fix. I bought a pallet of HP3330B synthesized sweep generators that have this problem. If it wasn't a hobby, I'd junk them! But you can still track down the problems, altho switching boards to cobble up working units is easier if you have enuff units!

Third, HP (like Tektronix) used socketed ICs (and transistors) for a time - and these are sometimes a problem on HP gear - especially if the instrument has been in a salty atmosphere. Visual inspection will indicate (maybe) problems, and the usual cleaning methods usually work. A couple of HP3450B precision DVMS I worked on had this problem.

I suppose the rule of thumb I use is that HP gear should last forever unless it's been abused. When it fails, it's usually age-related and fairly simple to fix. Alignment can be a whole different level of difficulty - and require a lot of specialized equipment - and I avoid this if at all possible!

Good luck! Modern test gear makes working on the old tube stuff very much easier so it's worth repairing!

Jan Skirrow, VE7DJX

... in beautiful British Columbia, Canada

*** <http://skirrow.org/Boatanchors/> ***

Message-Id: <4.3.2.7.2.20011207121734.00d5de00@mail.islandnet.com>
Date: Fri, 07 Dec 2001 12:47:43 -0800
To: Old Tube Radios <boatanchors@theporch.com>
From: jan@skirrow.org
Subject: Re: 390A - What do I do now?
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 06:20 PM 12/5/01 -0800, Arden Allen wrote:

>There is a very simple fix for your problem. Take the GFI (we call it a
>ground fault interrupter) out and put it in the garage with all the other
>castoffs. I would put it in the trash.

I agree. Mostly.

I think it is unnecessary to mangle fine old radios just to keep a GFCI happy. The GFCI is mostly to protect you in situations where no ground fault should exist under any circumstances - e.g. in your bathroom. In your shack (or on your bench) of course there will be ground faults if you're working with any old radio.

In your shack - everything must be well grounded - and your shack 'ground' must be bonded to a reliable earth connection. If a radio component fails you may blow a fuse or trip a breaker, but you will survive. Modern houses with plastic piping make the bonding more difficult, and external rod grounds can also be tricky depending on soil and moisture issues! Also, it's essential to know if the outlets you are using are properly wired.

On my bench, I do have a GFCI and variac on one outlet - mostly as a simple way of quickly checking a new piece of gear for serious faults on initial powerup. But I also have a ground cable with an alligator clip that is connected to the chassis of whatever I am working on before any power is applied. On killer AC/DC radios where one side of the line may be connected directly to the chassis, I replace the line cord with a two wire polarized cord - altho this is not helpful if your outlets are wired wrong!

GFCIs are great in their place - but they are no substitute for being careful and they can create a false sense of security! Many of the measures you take to be careful around line voltage will serve you well in dealing with the HV inside the radio!

On my R-390As, I use a three wire power cable with the ground brought out of the small shield box on the rear and connected to one of the nearby screws using a terminal of the kind that doesn't pop out if the screw should become loose. In my station, these radios are also grounded using a heavy grounding buss bolted to the radio chassis.

I have to say though, that most of the above applies only to working on stuff from "the old days." I also agree with what someone else said that the GFCI is not a bad backup to careful grounding of everything, should something come unstuck!

Jan Skirrow, VE7DJX

... in beautiful British Columbia, Canada

*** <http://skirrow.org/Boatanchors/> ***

Date: Fri, 7 Dec 2001 15:06:06 -0600 (CST)
From: Bob Roehrig <broehrig@aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: 390A - What do I do now?
Message-ID: <Pine.OSF.4.31.0112071457490.251386-100000@mail.aurora.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 7 Dec 2001 jan@skirrow.org wrote:

> I think it is unnecessary to mangle fine old radios just to keep a GFCI
> happy.

A problem I had is related to this. I had an older signal gen (can't remember now if it was a Measurements, Boonton, or what) but it had the standard 2 prong AC plug. No matter which way the plug was in the socket there was about 60V on the chassis and you could get a pretty healthy spark between the chassis and ground.

Inside was what I will call a "M" filter, in each side of the line. The filter consisted of 2 coils in series with a cap from each end and the center to the chassis. As I recall, each cap was .25uf. So each side of the line went to chassis via .75uf.

Could solve the hot chassis problem with a ground lead, certainly. But that current would then be wasted, increasing the electric bill unnecessarily.

Now admittedly, this was not a collector item, so modifying it was no big deal. I merely replaced the big caps with something more reasonable (like .01's) that would still serve as RF bypasses, and added a 3-wire power cord besides.

I don't know what that receiver has in it but I would bet the caps are much larger than need be. They don't have to pass 60Hz, so I would make them smaller.

Aurora University Telecom/IS dept.
630-844-4898 broehrig@aurora.edu

To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com
Date: Fri, 7 Dec 2001 15:50:11 -0600
Subject: Re: Western Electric Tube Tester
Message-ID: <20011207.155012.-378009.2.jackiv@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
From: JACK M IVERSON <jackiv@juno.com>

I hate to send this to all of the list, "KS" is a Western Electric
prefix. It refers to a spec, "Kearney Specification"

jack iverson

On Fri, 7 Dec 2001 11:31:19 -0800 (PST) Roy Nollkamper <k7jaq@yahoo.com>
writes:

>
> --- Jerry Proc <jerry.proc@sympatico.ca> wrote:
> > Hello Group,
> >
> > A person I know who is not on this list picked up a
> > Western Electric
> > KS-5727-L1 tube tester that is missing some parts.
> >Hi Jerry and the group:
>
> I have a WE tester #KS-15560L1/L2 which the manual
> says is the same as a Hickock KS-15560L1/L2 tester,
> but the WE has much better accuracy according to the
> manual.
>
> I imagine the tube charts are the same with the
> exception of the listing of the WE tubes which this
> one has, and comes in very handy.
>
> I have schematics and manuals for both of mine if they
> would be of any help.
>
> Roy, K7JAQ
>
> -----
> Do You Yahoo!?
> Send your FREE holiday greetings online!
> <http://greetings.yahoo.com>
>
>

Message-ID: <3C113D61.6A46084B@sympatico.ca>
Date: Fri, 07 Dec 2001 17:06:25 -0500
From: Jerry Proc <jerry.proc@sympatico.ca>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: HP Test Equipment Repair?
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

jan@skirrow.org wrote:

> The cost of
> commercial repair services is so high that there may be no other way to go.
> You didn't say what model, or the approx age - but maybe the following will
> help a bit.

Hi Group,

In the late 70's and early 80's I used to send out our Tektronix 465 scopes for periodic calibration to an independent Tektronix calibration shop. If my memory serves me correctly the cost of the calibration was in the \$Cdn 150 to \$200 magnitude back then. Don't know what the cost is today for the same instrument but I'm willing to bet that inflation has driven that up by a factor of four since a calibration is labour only. Since our technicians always abused the scope probes by wrapping them around the scope case, these would invariably be replaced at each calibration and sometimes between calibrations. For each replaced probe, that added \$110 to the bottom of the invoice. In the same breadth, I must add that Tektronix made those probes far too flimsy for maintenance mode use. Some of these guys had hands like a gorilla's I'm sure those probes would have fared better in a laboratory type environment.

Calibration and missing probes are two thoughts which cross my mind when I see a good 'scope at a fleamarket. Invariably, I walk away when I realize that the cost of replacing the missing probes will add several hundred dollars to the cost of the purchase without even considering a recalibration.

--

Regards,
Jerry Proc VE3FAB
Toronto, Ontario
e-mail: jerry.proc@sympatico.ca
<http://webhome.idirect.com/~jproc/ve3fab>

From: "Bill Hawkins" <bill@iaxs.net>

To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: 390A - What do I do now?
Date: Fri, 7 Dec 2001 16:10:22 -0600
Message-ID: <000f01c17f6b\$f6c1aa80\$290aa8c0@darius>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well, I was just dusting off the soap box when Jan Skirrow wrote:

"GFCIs are great in their place - but they are no substitute for being careful and they can create a false sense of security! Many of the measures you take to be careful around line voltage will serve you well in dealing with the HV inside the radio!"

The GFCI was developed to save us from faulty power tools and dropping the hair dryer into the tub. These are things that you do not work on while they are plugged in. There is no false sense of security. If the tool fails so that you are between the hot wire and an external ground -NOT the neutral- you will be saved. This does not apply to radios.

Just as you put a strong cage between you and a starving tiger, you apply a good ground to your radios. How good? Test it by taking one of those big surplus 5 ohm power resistors and a 15 amp light switch arranged so that turning on the switch connects the resistor between the 120 VAC hot wire and the ground being tested. If the line circuit breaker doesn't trip, you do not have a good ground (if it's a 30 amp breaker, parallel two resistors and use a bigger switch).

If you take the radio out of its grounded enclosure, make certain that electricity cannot flow through you. Stand on a rubber mat and wear rubber gloves rated for the voltage you will be near, or keep one hand in your pocket. A GFCI cannot protect you from voltages on the other side of a transformer. Your brain is challenged enough trying to fix the set without also checking to see if the GFCI will work in the present situation. You may live longer if you have no feeling of being safe when working on radios, continually aware that the wrong move will let the tiger out. Your life will be shorter if you depend on a GFCI.

Does that cover the ground?

Regards,
Bill Hawkins

PS If you are dealing with high power equipment, you need more protection than a good ground. Dropping a screwdriver in the wrong place will cause molten drops of metal to fly around. Dress like a welder, but with a

clear face shield.

Message-Id: <5.1.0.14.2.20011207171348.00b049d0@po.muohio.edu>

Date: Fri, 07 Dec 2001 17:54:59 -0500

To: Old Tube Radios <boatanchors@theporch.com>

From: "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>

Subject: Re: HP Test Equipment Repair?

Mime-Version: 1.0

Content-Type: multipart/alternative;

boundary="=====_99311752==_ALT"

--=====_99311752==_ALT

Content-Type: text/plain; charset="us-ascii"; format=flowed

>

>In the course of my BA activities, I've repaired quite a range of HP test
>gear - altho I am no expert!!! But I've learned a few things that might
>help if you decide to have a serious go at it yourself. The cost of
>commercial repair services is so high that there may be no other way to go....

Jan Skirrow, VE7DJX

Great comments, Jan! Over the years, I've been gradually acquiring HP and Tek test gear for my workbench, and my experience exactly confirms yours. The instruments that were made over about a ten year period, from the early 70's to the early 80's, are especially desirable, in my opinion. The workmanship and reliability was extremely good, and yet the designs hadn't yet started to use microprocessor controllers with proprietary data busses, so the instruments were not impossible to repair.

Some of the HP instruments of that era were simply amazing, with beautiful gold-plated circuit boards and dazzling workmanship. In a sense, they were the solid state era's answer to the gorgeous Tek vacuum tube scopes of the 50s and 60s, or the mechanical tour-de-forces of the HP 606-series sig generators.

The Tek scopes of the 80's make especially nice additions to a ham's workbench. The 2200 series scopes are lightweight, extremely reliable, and excellent performers, and can be bought for a song. They obviously don't have all the bells and whistles of modern digital scopes, but for basic RF or audio work they can't be beat. Of course, they'll never have quite the cachet of the older Tek scopes!

73,

Jim Garland W8ZR

--===== _99311752==_ .ALT
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
* (such as an attached file, a v-card, HTML formatting) *
* Mail Lists at theporch.com only accept PLAIN TEXT *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

--===== _99311752==_ .ALT--

Message-Id: <5.1.0.14.2.20011207180326.00b034a0@po.muohio.edu>
Date: Fri, 07 Dec 2001 18:06:39 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>
Subject: Re: HP Test Equipment Repair?
Mime-Version: 1.0
Content-Type: multipart/alternative;
boundary="===== _100010918==_ .ALT"

--===== _100010918==_ .ALT
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Jerry,
I'd hate to think people are passing up good scope opportunities because of missing probes! Unless you're thinking of active probes, which go for many \$\$\$, I've always been able to find Tek or HP probes for about \$10-\$20 each. I see new, surplus ones every year at Dayton, and you can find them easily for that price range on EBay.
73,
Jim Garland W8ZR

>Calibration and missing probes are two thoughts which cross my mind when I
>see a
>good 'scope at a fleamarket. Invariably, I walk away when I realize that the
>cost of replacing the missing probes will add several hundred dollars to
>the cost
>of the purchase without even considering a recalibration.
>
>--

>
>Regards,
>Jerry Proc VE3FAB
>Toronto, Ontario
>e-mail: jerry.proc@sympatico.ca
>http://webhome.idirect.com/~jproc/ve3fab

--===== _100010918==_.ALT
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

```
* * * * *  
*      ---REMAINDER OF MESSAGE TRUNCATED---      *  
*      This post contains a forbidden message format      *  
*      (such as an attached file, a v-card, HTML formatting) *  
*      Mail Lists at theporch.com only accept PLAIN TEXT      *  
*      If your postings display this message your mail program *  
*      is not set to send PLAIN TEXT ONLY and needs adjusting *  
* * * * *
```

--===== _100010918==_.ALT--

Message-Id: <4.3.2.7.2.20011207151012.00d5d370@mail.islandnet.com>
Date: Fri, 07 Dec 2001 15:13:26 -0800
To: Old Tube Radios <boatanchors@theporch.com>
From: jan@skirrow.org
Subject: RE: 390A - What do I do now?
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 04:10 PM 12/7/01 -0600, Bill Hawkins wrote:

>situation. You may live longer if you have no feeling of being safe when
>working on radios, continually aware that the wrong move will let the
>tiger out. Your life will be shorter if you depend on a GFCI.

>
>Does that cover the ground?

Amen! I don't trust GFCIs, or HV interlocks, or circuit breakers in the off
position, power supply discharge resistors, or anything else with the
capacity to send me on that long final journey

Jan

... in beautiful British Columbia, Canada

*** <http://skirrow.org/Boatanchors/> ***

Message-Id: <4.3.2.7.2.20011207181956.00b2b830@pop3.norton.antivirus>

Date: Fri, 07 Dec 2001 18:26:32 -0500

To: Old Tube Radios <boatanchors@theporch.com>

From: Larry Bearse <lbearse@mail1.nai.net>

Subject: Re: wanted : Low Power am phono osc....

Cc: Boatanchors List <boatanchors@theporch.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

>

>also there was an rca phono osc that had a resistance line cord to drop the
>voltage for tube fil, had one jug in it but may have had multiple sections
>in the tube. was a shoulder type tube!

>I will also post this to for sale list

>

>thanks ed sharpe

Hi Ed, I have one of those RCA oscillators, it uses a single 12A7 tube only. It's a cool way to listen to the R390 or NC183 through the house! See pics at: <http://w3.nai.net/~lbearse/rcaosc.jpg> . Its not for sale, sorry! I wish I'd known that you needed one, I saw one for sale for 6 bucks at the little flea market put on by the Vintage Radio and Communications Museum of CT last Saturday. It wasn't in as nice shape as mine though.

73.....Larry

From: "Rich Force" <bhabooks@together.net>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: General Radio Type 1025-A Standard Sweep-Frequency Generator

Date: Fri, 7 Dec 2001 18:48:20 -0500

Message-ID: <MDEFIKPFFDLLPKGBGJFDGE0BCMAA.bhabooks@together.net>

MIME-Version: 1.0

Content-Type: multipart/mixed;

boundary="-----_NextPart_000_000A_01C17F4F.BD82E2A0"

This is a multi-part message in MIME format.

-----_NextPart_000_000A_01C17F4F.BD82E2A0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi, I recently picked up one of these beauties. I was wondering if anyone has any experience in using one, what they thought of its capability and if it had any problems or tricks to its use. . I was lucky enough to get a manual along with mine

73, Rich WB1ASL

-----=_NextPart_000_000A_01C17F4F.BD82E2A0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

```
* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
*      (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
*      If your postings display this message your mail program *
*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

-----=_NextPart_000_000A_01C17F4F.BD82E2A0--

Date: Fri, 7 Dec 2001 19:00:19 -0500
From: "R. W. Downs - BLB, AL" <RWDowns_WA5CAB@compuserve.com>
Subject: "Join-up" Instructions
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <200112071900_MC3-E9E1-B28C@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
 charset=ISO-8859-1
Content-Disposition: inline

Group,

It's been so long that I've forgotten, and my internet access time is severely limited these days (I do my email on the boat and send it when I=

get near a phone line). Can someone give me the current "Join-up" instructions? New member waiting.

Robert W. Downs
<rwdowns_wa5cab@compuserve.com>
Houston, TX/Bayou LaBatre, AL

Date: Fri, 07 Dec 2001 19:10:43 -0800
From: Arden Allen <gumbear@pacbell.net>
Subject: Re: 390A - What do I do now?
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <0G000093B8U6ZW@mta5.snfc21.pbi.net>
MIME-version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: 7bit

Jan, Bill, Bob;

Lot's of good comments on what I see as the real issue. When it comes to working on gear the ugly truth is a GFCI is virtually useless. If you come into contact with transformer isolated AC or DC the GFCI is going to let you fry. And that is where the the greatest risk exists.

Someone mentioned standing on a rubber mat. Not good enough. A rubber mat on top of dry wood with an air gap between it and that concrete floor at a minimum. Too much a chance of standing on top of that nail or bit of wire that punched through the rubber completing the circuit from your pedal extremety to earth.

Let's face it. If you work on BA's you ARE going to come into contact with a lethal voltage. How do you escape the grim SK'er? It's an environmental question. My workshop is all non-conductive. Wooden floor one story up. There is no exposed metal where I work that my body can come into contact with. All of my test equipment is at arms reach, not underfoot. The work bench is all wood. No silly trim metal. Outlets on the front of the bench are well recessed so that I cannot brush against them nor can a wire drop down onto an exposed plug prong. I have to look for a place to ground myself and reach for it.

Case in point: The ubiquitous scope cart. What's the chance your fanny is within arcing distance of that diminutive, convenient, and so deadly piece of junk? I got tired of pushing one of those things out of my way years ago. Lucky for me, one less death trap.

There is no better rule than the "one hand only" rule. Always wear pants (or a dress, if you are into it) with a pocket for the other hand. That's how you stay alive working on BA's. I'm still around to prove it.....hi!!!

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

End of BOATANCHORS Digest 3264

20011209.ba.v03_n2650100644000007200000310000006727207414301220013340 0ustar
modenaftp-admin20011209.ba v03_n265.bam.20011209

>From ???@??? Sun Dec 9 20:25:43 2001 -0600
Message-Id: <200112100225.fBA2PW0w011468@sco.theporch.com>
Date: Sun, 9 Dec 2001 20:25:02 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3265

BOATANCHORS Digest 3265

Topics covered in this issue include:

- 1) PAM loudspeaker manual found!
by "ed sharpe" <esharpe@uswest.net>
- 2) Re: HP Test Equipment Repair?
by "Don Davis" <dxguy@earthlink.net>
- 3) Re: HP Test Equipment Repair?
by Mike Feher <n4fs@monmouth.com>
- 4) Re: HP Test Equipment Repair?
by Arden Allen <gumbear@pacbell.net>
- 5) Re: HP Test Equipment Repair?
by "Richard W. Solomon" <w1kszt@tiac.net>
- 6) RE: [MilSurplus] BC 640 transmitter questions...
by "R. W. Downs - BLB, AL" <RWDowns_WA5CAB@compuserve.com>
- 7) 25 watt resistors
by AA5QT@aol.com
- 8) Fwd: CRT Info
by "russ dworakowski" <wb3fau@hotmail.com>
- 9) ASB-4 ?
by BEN NOCK <G4BXD@compuserve.com>
- 10) [Fwd: The Spark Transmitter and Early Radio]
by Jerry Proc <jerry.proc@sympatico.ca>
- 11) ADMINISTRIVIA: No More Reposts
by listown@nanniandjack.com (Mail List Owner)
- 12) Re: 390A - What do I do now?
by "Arthur I. Larky" <ail0@lehigh.edu>
- 13) Re: 390A - What do I do now?
by Arden Allen <gumbear@pacbell.net>
- 14) Re: The Spark Transmitter and Early Radio]
by "ed sharpe" <esharpe@uswest.net>
- 15) whazzit receiver (pictures) anyone recognize?
by john <johnmb@nc.rr.com>
- 16) Re: whazzit receiver (pictures) anyone recognize?
by "ed sharpe" <esharpe@uswest.net>

- 17) Re: whazzit receiver (pictures) anyone recognize?
by David Hollander <n7rk@dancris.com>
- 18) Re: whazzit receiver (pictures) anyone recognize?
by "ed sharpe" <esharpe@uswest.net>
- 19) Re: whazzit receiver (pictures) anyone recognize?
by "ed sharpe" <esharpe@uswest.net>
- 20) Field Day - 1930's style
by Robert Nickels <ranickel@mwci.net>

Date: Fri, 7 Dec 2001 23:14:07 -0700
Message-ID: <005601c17faf\$8c1b5390\$0100a8c0@smeccxp>
From: "ed sharpe" <esharpe@uswest.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: PAM loudspeaker manual found!
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

will the person that was hunting info on a PAM navy loudspeaker system
please contact us.... We have found the manual when unpacking a box today
to add things to the reference library!

Ed Sharpe Archivist for SMECC

see the museum at:
<http://www.smecc.org>

Message-ID: <01b301c17fc7\$40bc8280\$6de8b3d1@hppav>
From: "Don Davis" <dxguy@earthlink.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: HP Test Equipment Repair?
Date: Sat, 8 Dec 2001 00:50:01 -0800
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Also, for \$20 - \$30 you can buy "generic" aftermarket probes from Digikey,
Jade East, Mouser, etc. Have used many of these in aerospace, and they last
as well as the Tek or HP units.

Don Davis AD6PB

----- Original Message -----

From: "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Friday, December 07, 2001 3:06 PM
Subject: Re: HP Test Equipment Repair?

> Hi Jerry,
> I'd hate to think people are passing up good scope opportunities because
> of
> missing probes! Unless you're thinking of active probes, which go for many
> \$\$\$, I've always been able to find Tek or HP probes for about \$10-\$20
> each.
> I see new, surplus ones every year at Dayton, and you can find them easily
> for that price range on EBay.
> 73,
> Jim Garland W8ZR
>
>
> >Calibration and missing probes are two thoughts which cross my mind when
> I
> >see a
> >good 'scope at a fleamarket. Invariably, I walk away when I realize that
> the
> >cost of replacing the missing probes will add several hundred dollars to
> >the cost
> >of the purchase without even considering a recalibration.
> >
> >--
> >
> >Regards,
> >Jerry Proc VE3FAB
> >Toronto, Ontario
> >e-mail: jerry.proc@sympatico.ca
> ><http://webhome.idirect.com/~jproc/ve3fab>
>

Date: Sat, 08 Dec 2001 04:41:35 -0500
From: Mike Feher <n4fs@monmouth.com>
Subject: Re: HP Test Equipment Repair?
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <008501c17fcc\$88a11ac0\$20c5be18@n4fs>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Dave -

I do not know how much newer the 3325A that I have is than your 3330B. I suspect mine is a newer unit from the styling. Since I have every HP catalog since 1963 I guess I could find out, but it is really besides the point. I bought my 3325A, which essentially provides the same functionality as your 3330B, brand new from HP about 20 years ago. About 10 years ago it started to be intermittent and at times not work at all. I had all the manuals and yet was beginning to pull my hair out when I finally located the problem. In my particular unit they used ribbon wire as interconnects between boards and had a crimp on multi pin connector. Well, it turned out that one of those connectors did not always have a good grip on the wire it was supposed to connect to. Interestingly a few years ago I had an 8505A network analyzer die on me. Same situation. The transformer had one of those crimp on connectors on the secondary windings, and the winding feeding the 5 volt regulator became open. The problem again turned out to be the connector and when it was not making a good contact it was at a high resistance and created a lot of heat. Eventually the connector melted on that end breaking all connections for the 5 volts and I ended up with a dead instrument. I am not saying that you have the same problem, but, if you have those style connectors in your unit you may want to check them out. 73 - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell NJ, 07731
(732) 901-9193

Date: Sat, 08 Dec 2001 02:38:31 -0800
From: Arden Allen <gumbear@pacbell.net>
Subject: Re: HP Test Equipment Repair?
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <0G0000FOATKK5L@mta6.snfc21.pbi.net>
MIME-version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: 7bit

Probitis is what I usually call it. Problems with trying to get a job done often are a result of the scope probe going bad. For some reason, no genius has emerged to design a probe that is free of reliability problems. Could it be there is something ignominious about trying to serve the needs of man through better probe design? Must be.

My solution has been to salvage the failed probes from the bottom of someone's junk drawer and make a good probe from pieces. One solution for some models of Tek probes is to solder the two halves of the diecast

clamshell covers together. The ground leads are the biggest problem. Why is it that people are too lazy to repair a broken ground lead? "Aahh, you don't need those, that ringing doesn't bother me." That usually from a digital dope who just looks for highs and lows. My home shop is equipped with reconstituted probes. But, much as I try, they go bad fairly regularly too. What this country needs is to postpone exploring outer space and go to work on creating a really good oscilloscope probe!!!!

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

From: "Richard W. Solomon" <w1ksz@tiac.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: HP Test Equipment Repair?
Date: Sat, 8 Dec 2001 15:37:08 -0500
Message-ID: <LOBBJFMMJJJCIMDIAGBJLKEGFGJAA.w1ksz@tiac.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I second the comment on finding probes at Flea Markets. I have found several at MIT and HossTraders, including one rated to 250 MHz for \$10 !!.
If you are located near Boston and need a scope calibrated, I bought a number of TEK Calibration Modules and TM-500 power supplies. I can calibrate most any scope, usually for free !!!

73, Dick, W1KSZ

Date: Sat, 8 Dec 2001 19:19:00 -0500
From: "R. W. Downs - BLB, AL" <RWDowns_WA5CAB@compuserve.com>
Subject: RE: [MilSurplus] BC 640 transmitter questions...
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <200112081919_MC3-E9E9-9B19@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Group,

Many of the entries in that conversion manual had comments like that (insulting, as though a well known Ham magazine editor of the time had written them). The BC-375 is another one that incurred the conversion manual editor's ire. I had two complete (green) BC-640's in the late 60' =

S
and early 70's. Most TV sets of that time were as cheaply (i.e., poorly)=
built as those of the late 40's and early 50's. I never had a TVI proble=
m.

> BTW, I do remember from an old surplus conversion manual the the BC-64=
0
was
> claimed to be the only set known to "knock out every TV receiver in a t=
wo
> block radius even when unplugged" (big grin). Seems to me that SOMEON=
E
> must have had<

Robert W. Downs
<rwdowns_wa5cab@compuserve.com>
Houston, TX/Bayou LaBatre, AL

From: AA5QT@aol.com
Message-ID: <15a.5686912.2944137c@aol.com>
Date: Sat, 8 Dec 2001 20:08:12 EST
Subject: 25 watt resistors
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I have about 200 NOS 25 watt filament dropping resistors. These are the
large rectangular ones made by Workman and Hamilton. They are all different
resistances, mostly if not all under 500 ohms. They're all in their original
plastic hangars.

They're not doing me any good, so I'll let them go for postage, or better
yet, free to someone who can stop by and pick them up.

If I don't get a local, I'll draw a winning name out of a hat tomorrow night.

73, Gary Youney K5QT near Dallas

From: "russ dworakowski" <wb3fau@hotmail.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Fwd: CRT Info

Date: Sun, 09 Dec 2001 00:29:02 -0500
Mime-Version: 1.0
Content-Type: text/plain; format=flowed
Message-ID: <LAW2-F68fPTeip68V8z00002bcf@hotmail.com>

Dear fellow BAs, does anyone know if a 5NP1 or a 5HP1 will sub. for a 5BP1 oscilloscope tube. Russ wb3fau

>From: Fair Radio Sales <surplus@wcoil.com>
>To: wb3fau@hotmail.com
>Subject: CRT Info
>
>I was unable to find infomation to determine wether the 5NP1 and or 5HP1
>will work in place of the 5BP1. I thought I had a 5BP1, but do not. The
>5NP1 and 5HP1 do have the same socket, but I do not know if it is the same
>as the 5BP1.
>
>Phil S.
>
>

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Sun, 9 Dec 2001 05:59:59 -0500
From: BEN NOCK <G4BXD@compuserve.com>
Subject: ASB-4 ?
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <200112090600_MC3-E9FF-C743@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

What the gen on a ASB-4 rx ?

freq, use etc. =

thanks. Ben G4BXD.
G4BXD@qsl.net

Message-ID: <3C139A86.60DAE9AE@sympatico.ca>

Date: Sun, 09 Dec 2001 12:08:22 -0500
From: Jerry Proc <jerry.proc@sympatico.ca>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: skywide@yahoogroups.com
Subject: [Fwd: The Spark Transmitter and Early Radio]
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Subject:[The WS#19 Group] Must-read article about spark and early radio
Date: Sun, 9 Dec 2001 11:40:04 -0500
From: Chuck Counselman <ccc@space.mit.edu>
To:19set@yahoogroups.com
CC: charles.a.hobson@btinternet.com

Just when you thought you couldn't stand to read another word about
spark transmitters, along comes the best article ever:

http://ewh.ieee.org/reg/7/millennium/radio/radio_radioscientist.html.

A must-read for anyone interested in the early development of radio,
particularly for Canadians and Fessenden fans. Written by well-known
Canadian radioscientist Jack Belrose, VE2CV.

Thanks to Chuck G0MDK <charles.a.hobson@btinternet.com> for pointing
out this exceptional article.

73 de Chuck, W1HIS

--

Regards,
Jerry Proc VE3FAB
Toronto, Ontario
e-mail: jerry.proc@sympatico.ca
<http://webhome.idirect.com/~jproc/ve3fab>

Message-Id: <200112091915.fb9JF11U026893@osr506.nanniandjack.com>
From: listown@nanniandjack.com (Mail List Owner)
To: Old Tube Radios <boatanchors@theporch.com>
Subject: ADMINISTRIVIA: No More Reposts
Date: Sun, 9 Dec 2001 11:15:00 -0800 (PST)

Gang-

This is a reminder that reposting of For Sale or Wanted items from
other internet sources (lists and auctions) is discouraged....

may prohibited on the BoatAnchors list.

If a BA list member wants to post the item elsewhere and on the BA list, that creates NO problem. What we are trying to avoid are "seen on EBay" or "prime rig on xxx list" type posts... Very few BA members limit their searching to just the BA list!

The problem comes when the poster in the other venue is not asked about the re-post... without the permission of the poster, problems are guaranteed, and I do not have the time, the energy, or the desire to address and deal with the headaches that re-posting causes... I'll grant you that folks in other venues need to be re-calibrated, but I do NOT want to referee! ;^)

So, henceforth, let's have NO re-posts from other sources referred to the list. Yes, I know this may sound pretty provincial, but those who really care have browsers and know where to look, and those who don't, probably don't....

I do NOT need the aggravation of someone who posts to a newsgroup and then has to fight off the hungry folks from the BA list who want to rearrange his viewpoint or calibrate his selling technique.

ENOUGH! Already... Just don't do it!

--

73

Jack, W4KH/Mobile - - - Mailing List Archiver/Owner - - -
listown@nanniandjack.com - "Plus ca change, plus c'est la meme chose"
"Il n'y a que les idiots qui ne changent jamais d'idee"
Sun Dec 9 11:15:00 PST 2001

Message-ID: <3C13D1D7.5BAD3AEF@lehigh.edu>
Date: Sun, 09 Dec 2001 16:04:24 -0500
From: "Arthur I. Larky" <ail0@lehigh.edu>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: 390A - What do I do now?
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Someone on this thread suggested that using smaller line bypass capacitors would save you money by consuming less power. In fact, larger capacitors save you MORE money than smaller capacitors. (I'm not suggesting that you use larger capacitors since the other arguments for smaller ones still apply, merely that there is a funny thing that you might be interested in knowing about. If you are not interested in some EE math, I suggest you go Christmas shopping.)

I will assume, because it makes the math easy, that you have 0.75 mfd worth of line bypass capacitors installed.

The reactance of a 1mfd capacitor at 60 cycles is 2660 ohms. I will use 2700 ohms because it makes the math easier. The smaller the capacity, the larger the reactance, so we need to divide by 0.75 to get the reactance for our 0.75mfd capacitance. This means divide by 3/4, so 2700 divided by 3 = 900 ohms. 900 multiplied by 4 = 3600 ohms for 3/4 of a mfd.

Assuming a line voltage of 120 vac at 60 cycles, a 3600 ohm reactance will draw $120/3600$ amps = $1/30$ amp = 33 ma.

The volt amperes drawn from the line by this capacitance = $120 \times 1/30 = 4$.

As they say in the TV infomercials that are trying to sell you a useless gadget:

BUT WAIT! That 4 is NOT watts, it is VARs - Volt Amperes Reactive. VARs don't use

power! A perfect capacitor stores energy on one half of the AC cycle and returns that energy on the other half of the cycle. Net power use = zero.

Now it gets interesting:

The voltage in a capacitor does not rise until current goes into it. If you look at the AC voltage across a capacitor and the AC current into the capacitor, the current LEADS the voltage; that is, it rises before the voltage. (90 degrees out of phase.) For this reason, EEs say that it has a LEADING power factor. Leading power factor VARs are negative by convention, so our capacitor draws -4 VARs.

Inductive loads, in contrast, buck the current, so their voltage rises before the current and EEs say an inductor has a LAGGING power factor. Lagging VARs have a positive sign.

Why do you care about power factor since it does not represent real power and your power company only charges for real power? Because the reactive current will heat up your, and their, wires, resulting in $I^2 R$ energy losses, which represents money.

Factories which have a lot of machinery which draw lots of lagging power factor currents have a capacitor bank on a pole connected to their incoming power line. The negative VARs of the capacitors cancel the positive VARs of the inductance of the machinery and reduces the losses on the power company lines. Since $I^2 R$ losses on these lines represent power they had to generate for which you don't pay, they force large users to do power factor correction by adding capacitors whose negative VARs cancel out the factory's positive VARs from their machines.

Now what about your power bill? Any VARs which your BA draws cost you money since it heats up the line cord and your internal wiring and you pay for that power. What you need is some positive VARs to cancel out the negative VARs of the capacitors. Well, you have lots of positive VARs in your BA (too much, in fact) because the power transformer is inductive and draws positive VARs.

The end conclusion is that the negative reactive power drawn by the line bypass capacitors cancels out some of the positive reactive power drawn by the

transformer. The more capacity, the more negative VARs you have to cancel the positive of your trannie. So larger bypass means more money saved.

If you figure out how much money you save by having line bypass capacitors that are larger than necessary, and save up all that money, you may, after 10 or 20 years be able to buy one Christmas tree ornament with the money.

Aren't you glad you went Christmas shopping instead of reading this?

Art K3HBA

Date: Sun, 09 Dec 2001 15:05:06 -0800
From: Arden Allen <gumbear@pacbell.net>
Subject: Re: 390A - What do I do now?
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <0G030056UMSQ9X@mta6.snfc21.pbi.net>
MIME-version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: 7bit

Art;

> Someone on this thread suggested that using smaller line bypass capacitors
> would save you money by consuming less power. In fact, larger capacitors save
> you MORE money than smaller capacitors.

Goes to show simple answers are simply stupid. I wonder what I could find on ePuddle that measures true power consumption correctly.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Date: Sun, 9 Dec 2001 16:37:43 -0700
Message-ID: <001d01c1810a\$80aecd00\$0100a8c0@smeccxp>
From: "ed sharpe" <esharpe@uswest.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: skywide@yahoogroups.com
Subject: Re: The Spark Transmitter and Early Radio]
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

great work on the history!

----- Original Message -----

From: "Jerry Proc" <jerry.proc@sympatico.ca>
To: "Old Tube Radios" <boatanchors@theporch.com>
Cc: <skywide@yahoogroups.com>

Sent: Sunday, December 09, 2001 10:08 AM
Subject: [Fwd: The Spark Transmitter and Early Radio]

> Subject:[The WS#19 Group] Must-read article about spark and early radio
> Date: Sun, 9 Dec 2001 11:40:04 -0500
> From: Chuck Counselman <ccc@space.mit.edu>
> To:19set@yahooogroups.com
> CC: charles.a.hobson@btinternet.com
>
> Just when you thought you couldn't stand to read another word about
> spark transmitters, along comes the best article ever:
>
> http://ewh.ieee.org/reg/7/millennium/radio/radio_radioscientist.html.
>
> A must-read for anyone interested in the early development of radio,
> particularly for Canadians and Fessenden fans. Written by well-known
> Canadian radioscientist Jack Belrose, VE2CV.
>
> Thanks to Chuck G0MDK <charles.a.hobson@btinternet.com> for pointing
> out this exceptional article.
>
> 73 de Chuck, W1HIS
>
> --
>
> Regards,
> Jerry Proc VE3FAB
> Toronto, Ontario
> e-mail: jerry.proc@sympatico.ca
> <http://webhome.idirect.com/~jproc/ve3fab>
>
>
>

Message-Id: <3.0.3.32.20011209200651.01383eb8@pop-server.nc.rr.com>
Date: Sun, 09 Dec 2001 20:06:51 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: john <johnmb@nc.rr.com>
Subject: whazzit receiver (pictures) anyone recognize?
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Good lord willing (and UPS too) and the creek dont rise,
I'll have this in a couple days.

pics:

<http://www.old-radios.com/i-1.jpg>
<http://www.old-radios.com/i-2.jpg>

Certainly has RCA knobs. The bolted on tuning cap covers reminds me of AR88 construction. Is this some sort of RCA Entertainment receiver, w/ shortwave?

Whazzit?
John

John Brewer - WB50AU/4
AMI #24
Clayton NC
johnmb@nc.rr.com

Date: Sun, 9 Dec 2001 18:33:16 -0700
Message-ID: <007501c1811a\$a50956b0\$0100a8c0@smeccxp>
From: "ed sharpe" <esharpe@uswest.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: whazzit receiver (pictures) anyone recognize?
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

yea! it is a Scott morale receiver! ww II vintage that someone has replaced the front panel with a wood one or covered it in veneer?

ed shape archivist for smecc

----- Original Message -----

From: "john" <johnmb@nc.rr.com>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Sunday, December 09, 2001 6:06 PM
Subject: whazzit receiver (pictures) anyone recognize?

> Good lord willing (and UPS too) and the creek dont rise,
> I'll have this in a couple days.
>
> pics:
> <http://www.old-radios.com/i-1.jpg>
> <http://www.old-radios.com/i-2.jpg>
>

> Certainly has RCA knobs. The bolted on tuning cap covers
> reminds me of AR88 construction. Is this some sort of
> RCA Entertainment receiver, w/ shortwave?

>

> Whazzit?

> John

>

>

>

> -----

> John Brewer - WB50AU/4

> AMI #24

> Clayton NC

> johnmb@nc.rr.com

> -----

>

>

>

Message-ID: <3C1411D0.1E49BD1F@dancris.com>

Date: Sun, 09 Dec 2001 18:37:18 -0700

From: David Hollander <n7rk@dancris.com>

MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>

CC: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: whazzit receiver (pictures) anyone recognize?

Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"

Content-Transfer-Encoding: 7bit

Hi John - Looks like a Scott receiver from W.W.II and I bet it weighs more than an SX-28 too. I just traded off a Scott The chassis on yours looks identical but it did not have a slide rule dial. Enjoy it!

Dave

--

Dave N7RK - Webmaster CADXA <http://cadxa.org>

Phoenix, Arizona *DXCC Honor Roll* *WAZ#23 - 75 Meter SSB*

ex-XE2/N7RK, N7RK/ZB2, VK2ERK, ZM0AJN, WB6NRK, WN6IWX

Boatanchor Collector Extraordinaire preferring Hallicrafters, National and what ever else looks interesting!

E-Mail: n7rk@dancris.com

Home Page:

<http://www.dancris.com/~n7rk>

Date: Sun, 9 Dec 2001 18:45:53 -0700
Message-ID: <007901c1811c\$684d7a60\$0100a8c0@smeccxp>
From: "ed sharpe" <esharpe@uswest.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: whazzit receiver (pictures) anyone recognize?
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

go to
http://www.schroeder-dieball.com/scottradiolabs/rbo2_srl.htm

this is what yours was like in military dress....
Scott built great stuff.. and this radio (when in its metal case) was
extremely well shielded to keep the enemy from picking up radiation from the
local osc. and homing in on it.....

ed sharpe archivist for smecc
----- Original Message -----
From: "john" <johnmb@nc.rr.com>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Sunday, December 09, 2001 6:06 PM
Subject: whazzit receiver (pictures) anyone recognize?

> Good lord willing (and UPS too) and the creek dont rise,
> I'll have this in a couple days.
>
> pics:
> <http://www.old-radios.com/i-1.jpg>
> <http://www.old-radios.com/i-2.jpg>
>
> Certainly has RCA knobs. The bolted on tuning cap covers
> reminds me of AR88 construction. Is this some sort of
> RCA Entertainment receiver, w/ shortwave?
>
> Whazzit?
> John
>
>
>
> -----
> John Brewer - WB50AU/4
> AMI #24

> Clayton NC
> johnmb@nc.rr.com
> =====
>
>
>

Date: Sun, 9 Dec 2001 18:54:23 -0700
Message-ID: <008601c1811d\$988b8680\$0100a8c0@smeccxp>
From: "ed sharpe" <esharpe@uswest.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "Old Tube Radios" <boatanchors@theporch.com>
Subject: Re: whazzit receiver (pictures) anyone recognize?
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

the one you had without the slide rule dial was a 'RCH' this actually is a better communications recv. than the other one but both are pretty neat radios! the rch was also well shielded for preventing the enemy from pricking up the local osc... as I recall the RCH is heavier... we have one in the museum and by back lived in fear every time we consider moving it! actually ours is called a slr-f.

see our Scott SLR-F at
http://www.smecc.org/ww2_communications.htm

see the rch at
<http://www.schroeder-dieball.com/scottradiolabs/radios/rch.htm>

----- Original Message -----

From: "David Hollander" <n7rk@dancris.com>
To: "Old Tube Radios" <boatanchors@theporch.com>
Cc: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Sunday, December 09, 2001 6:37 PM
Subject: Re: whazzit receiver (pictures) anyone recognize?

> Hi John - Looks like a Scott receiver from W.W.II and I bet it weighs
> more than an SX-28 too. I just traded off a Scott The chassis on yours
> looks identical but it did not have a slide rule dial. Enjoy it!

>
> Dave
>
> --

> *****
> Dave N7RK - Webmaster CADXA <http://cadxa.org>

> Phoenix, Arizona *DXCC Honor Roll* *WAZ#23 - 75 Meter SSB*
>
> ex-XE2/N7RK, N7RK/ZB2, VK2ERK, ZM0AJN, WB6NRK, WN6IWX
>
> Boatanchor Collector Extraordinaire preferring Hallicrafters, National
> and what ever else looks interesting!
>
> E-Mail: n7rk@dancris.com Home Page:
> <http://www.dancris.com/~n7rk>
>
>
>

Message-ID: <3C141C2D.C31FDD2C@mwci.net>
Date: Sun, 09 Dec 2001 20:21:33 -0600
From: Robert Nickels <ranickel@mwci.net>
MIME-Version: 1.0
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Field Day - 1930's style
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
To: Old Tube Radios <boatanchors@theporch.com>

Found this photo in the basement of a 90 year old ham.

<http://users.mwci.net/~ranickel/thirtiesfieldday.jpg>

He said it was taken at Field Day in the 1930's which seems about right
judging from the RME 69. The transmitter appears to be homebrew, but
looks plenty capable of loading down whatever they used as a generator!

Wonder if they loaded up the fenceline?

73, Bob W9RAN

End of BOATANCHORS Digest 3265

20011211.ba.v03_n2660100644000007200000310000007313707414301220013327 0ustar
modenaftp-admin20011211.ba v03_n266.bam.20011211

>From ???@??? Tue Dec 11 21:30:39 2001 -0600
Message-Id: <200112120330.fBC3UF0w002363@sco.theporch.com>

Date: Tue, 11 Dec 2001 21:29:39 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3266

BOATANCHORS Digest 3266

Topics covered in this issue include:

- 1) Re: whazzit receiver (pictures) anyone recognize?
by "moe" <moe@email.msn.com>
- 2) RE: 390A - What do I do now?
by Morris Odell <Morris0@vifp.monash.edu.au>
- 3) Re: Field Day - 1930's style
by w8au@sssn.net
- 4) RE: Harris RF-551A
by "WPUL1130" <res00goy@gte.net>
- 5) Re: 390A - What do I do now?
by Arden Allen <gumbear@pacbell.net>
- 6) Re: Field Day - 1930's style
by "James C. Garland" <4cx250b@miax1.acs.muohio.edu>
- 7) Re: Field Day - 1930's style
by "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
- 8) Re: Field Day - 1930's style
by "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
- 9) Speaker Matching w/ Line Transformers
by "Shirli Sieb" <sieb@sympatico.ca>
- 10) 1936 GFI's
by ejones@hiwaay.net
- 11) Re: 1936 GFI's
by JACK M IVERSON <jackiv@juno.com>
- 12) R-390A resistor list?
by k2kl <k2kl@optonline.net>
- 13) 20 M QSO
by john <johnmb@nc.rr.com>
- 14) Re: Field Day - 1930's style
by "David L. Thompson" <thompson@mindspring.com>
- 15) Re: Field Day - 1930's style
by john <johnmb@nc.rr.com>
- 16) [Fwd: 1936 GFI's]
by "Arthur I. Larky" <ail0@lehigh.edu>
- 17) Re: ASB-4 ?
by William Donzelli <aw288@osfn.org>
- 18) Doerle and regens.
by Kargokult@aol.com
- 19) CW Crystals?
by W7QH0@aol.com

This is a multi-part message in MIME format.

Looks like my RBO-2, Scott morale receiver. That's quite some funky = front panel, though.
It's a really nice receiver with great audio. Keeps my morale up.

----- Original Message -----=20
From: john=20
To: Old Tube Radios=20
Sent: Sunday, December 09, 2001 8:06 PM
Subject: whazzit receiver (pictures) anyone recognize?

```
pics:
http://www.old-radios.com/i-1.jpg
http://www.old-radios.com/i-2.jpg
```

Whazzit?
John=20

John Brewer - WB50AU/4

AMI #24
Clayton NC=20
johnmb@nc.rr.com
-==3D==3D==3D==3D==3D==3D==3D==3D==3D==3D==3D==3D==3D

-----=_NextPart_000_0019_01C180E6.A708A6C0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
* (such as an attached file, a v-card, HTML formatting) *
* Mail Lists at theporch.com only accept PLAIN TEXT *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

-----=_NextPart_000_0019_01C180E6.A708A6C0--

Message-ID:
<07A064EA6042D4118A62009027F70E77181D11@nt_exchange.vifp.monash.edu.au>
From: Morris Odell <MorrisO@vifp.monash.edu.au>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: 390A - What do I do now?
Date: Mon, 10 Dec 2001 14:58:50 +1100
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Hi all,

I really enjoyed the replies and debate that ensued from posting about the R390A and the GFI breaker. Thanks to all those who replied, too many to answer individually.

Most people suggested removing or bypassing the line filter as they are not really necessary in the domestic environment. An alternative is the more modern computer type filter, usually with built in IEC connectors. Nobody here in VK suggested getting rid of the breaker although there are some situations such as servicing switch mode power supplies where they are a hindrance. I would suggest using an isolating transformer and proper grounding for those.

My professional activities here at the forensic institute include dealing

with fatal electrocutions and I have certainly seen cases of electronics hobbyists who have been killed in circumstances where a GFI may have saved them. Of course though, we have no way of knowing how many lives really are saved by these devices as near misses go unreported and uninvestigated. I read the arguments against them with a lot of interest but can't really agree. We are not really dealing with an uninformed population here. I don't think the use of such a breaker breeds a false sense of security. Speaking for myself, I ALWAYS use a portable GFI cord when I'm working with power tools but it certainly hasn't prompted me to do things with them that are downright dangerous that I wouldn't have done anyway. Don Davis, who said that if the equipment trips the breaker then you should fix the equipment, was right on the money.

Of course if you have enough knowledge to work on older gear (and to be reading this forum for that matter) you will appreciate that a GFI will not protect against shocks from the secondary side of a power transformer such as B+ etc.....

My breaker is rated to trip in 100mS at 30 mA unbalance. I found it would trip with 10K from L to E (24 mA rms here in Australia with 240 volt mains) but not 22K (11mA). The R390A mains filter did not show any ohmic leakage on megger testing at 500 volts but measures 0.18 uF on a bridge from each of L and N to frame. This is equivalent to about 13.5 mA at 240 volts 50 Hz. I replaced the filter with a modern computer type whose label showed a 0.01 between L and N and 0.0022 between each of L and N and ground (0.16 mA). I had to open out the hole on back of the receiver to fit it but am quite unapologetic about that.

The other piece of gear that triggered the breaker was quite an eye opener. It was something I had homebrewed into the case of an old Control Data printer power supply - these were distributed in large numbers by the local ham disposals division about 20 years ago. It has a nice mains breaker and a pair of Cornell Dubilier "Radio interference filters" in the L and N lines. I thought I was doing the right thing by keeping them there but they measure a whopping 1 uF! That's a current of 75 mA - minor power factor correction as Norm described :-)

Now I KNOW that these leakage currents shouldn't be a problem with proper grounding and insulation practice but that's not why I advocate GFIs - it's because of Murphy's law. Despite the best intentions, something can always go wrong. You can't be too careful. I'm the first one to admit I've had some surprises and a few tingles over the years. It's better to hold your pants up with both belt & braces IMHO.

After these mods, none of my boatanchors trip the breaker. I would probably need nearly 100 boatanchors with computer filters as described above all plugged in at once to accumulate enough capacitive current for that to happen. I should be so lucky! :-)

73 de Morris VK3DOC

From: w8au@sssnet.com
Message-Id: <4.2.0.58.20011209232913.009a83c0@mail.sssnet.com>
Date: Sun, 09 Dec 2001 23:30:50 -0500
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Field Day - 1930's style
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 08:21 PM 12/09/2001 -0600, Bob, W9RAN wrote:
> The transmitter appears to be homebrew, but
> looks plenty capable of loading down whatever they used as a generator!

Bob:
The xmtr looks to be an RCA ACT-40 from 1936. Used a pair of 801's in
Push-pull.
Output was rated at 40 watts on 160 thru 20 meters.
Plug-in coils were used... three for each band.
The top panel is the antenna tuner with RF ammeter.
Center Panel is Osc-buff-Final amp. Xtal controlled.
Bottom Panel is Power supply/Modulator.

Had one of these up until about 7 years ago.
Used it in annual AWA old-time xmtr qso parties..
Wish I still had it.

73,
Perry w8au

Message-ID: <004101c18135\$95be48d0\$02383d04@bartow9bkmrph>
From: "WPUL1130" <res00goy@gte.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: Harris RF-551A
Date: Sun, 9 Dec 2001 20:46:08 -0800
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello All: I am looking the following: RF-551A Ancillary
Kit. Assy Nr: 905-0041 I have had my RF-551A almost two years and have been
able to power it up. Many
Thanks

Lloyd Scott
Florida

Date: Sun, 09 Dec 2001 21:27:11 -0800
From: Arden Allen <gumbear@pacbell.net>
Subject: Re: 390A - What do I do now?
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <0G0400G284H0SD@mta5.snfc21.pbi.net>
MIME-version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: 7bit

Hi Morris;

>I read the arguments against them with a lot of interest but
> can't really
> agree. We are not really dealing with an uninformed population here. I
> don't
> think the use of such a breaker breeds a false sense of security.
Speaking
> for myself, I ALWAYS use a portable GFI cord when I'm working with power
> tools but it certainly hasn't prompted me to do things with them that are
> downright dangerous that I wouldn't have done anyway. Don Davis, who said
> that if the equipment trips the breaker then you should fix the
equipment,
> was right on the money.

Except the argument so far has overlooked one important point: My
lab/radio
shack currently has 18 (I just counted them) pieces of equipment plugged in
and ALL of them have line bypass filters. Assuming they all have .01uF
bypass capacitors (some less, some more capacitance I know) the grand total
is .18 uF. What an irony!

Well, with only 120 volts here and only 10 more Hertz I guess a 24 mA GFCI
wouldn't trip. But for me, I'll do without the GFCI because my equipment
quality control has always included making sure there is a reliable earth
ground on each instrument. My frequently used outlets are hospital grade
and no one else futzes with my stuff. BTW, I bypssed the GFCI in my
bathroom-kitchen circuit because it created RFI. I took it apart to see
what made it tick and lost the ticks. Too bad. I'm living on borrowed
time I guess.....!!

I make light of it in jest. The GFCI is an indispensable safety device and
should be used wherever the risk justifies it.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Message-Id: <5.1.0.14.2.20011210062956.00adedad0@po.muohio.edu>
Date: Mon, 10 Dec 2001 06:32:55 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>
Subject: Re: Field Day - 1930's style
Mime-Version: 1.0
Content-Type: multipart/alternative;
boundary="===== _317597701==_ .ALT"

--===== _317597701==_ .ALT
Content-Type: text/plain; charset="us-ascii"; format=flowed

Great photo, Bob! My earliiest Field Days were of the DX-100, SX-99
variety. I ought to do it again one of these days.
73,
Jim W8ZR

>Found this photo in the basement of a 90 year old ham.
>
><http://users.mwci.net/~ranickel/thirtiesfieldday.jpg>

--===== _317597701==_ .ALT
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
* (such as an attached file, a v-card, HTML formatting) *
* Mail Lists at theporch.com only accept PLAIN TEXT *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

--===== _317597701==_ .ALT--

Date: Mon, 10 Dec 2001 07:12:01 -0500 (EST)
From: "Marty's Refl. Drop" <polepeeeg@aa4rm.ba-watch.org>
Message-Id: <200112101212.HAA28323@aa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: w2cqhq@astinet.net
Subject: Re: Field Day - 1930's style

That Perry-spotted RCA tx a beaut!

I'm writing in for the RX... a RME69 w. original "reverse corner" speaker encl. Came out in '36... W8KGI met designer @ Dayton years back.

Still use RME in AWA events w. Stancor 69. The Freudian twins.

Just finished AWA '29 TX party using p-p 10s (801s) in a Hartley w. Nat'l FBX rx. Lotta left coast contacts on gray-line w. ~10w to ant. 'Way more pleasing than programming a matchbook-size 3-band handheld.

But the hobby's changed & I'm a curmudgeon left-over. & my idea of programming is fortran.

Back to foto... just wonderful

Marty

Date: Mon, 10 Dec 2001 07:16:26 -0500 (EST)
From: "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
Message-Id: <200112101216.HAA28592@aa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Field Day - 1930's style

Oh yezzz....

1936 was the financial pits. & the TX & RX pictured cost about the same as a new Pontiac.

Whoever owned the gear, & the barbed-wire coral, sold out before black thursday in '29.

Timing is everything

From: "Shirli Sieb" <sieb@sympatico.ca>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Speaker Matching w/ Line Transformers
Date: Mon, 10 Dec 2001 11:58:24 -0500
Message-ID: <LOBBJH0LOOHLIPLONIAFAEAEKEKAA.sieb@sympatico.ca>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

More on using 70 volt transformers to match impedances. Here is a list of

watts taps verses impedance;

.31watts	14000	ohms
.625w	7000	ohms
1.25 watts	4000	ohms
2.5 w	2000	ohms
5 watts	1000	ohms
10 w	500	ohms
12 watts	360	ohms
24 watts	180	ohms
40 watts	110	ohms

Here is the chart for 25 volt speaker transformers:

.31 watts	1680	ohms
.625 watts	840	ohms
1.25 watts	440	ohms
2.5 watts	220	ohms
5 watts	120	ohms

Date: Mon, 10 Dec 2001 13:12:46 -0600 (CST)
Message-Id: <v03007802b83a4365e964@[216.180.66.231]>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable
To: Old Tube Radios <boatanchors@theporch.com>
From: ejones@hiwaay.net
Subject: 1936 GFI's

de N4TGC Eric

Which is about how many I feel like I've installed by now ... as an electrician, I am required by law to put GFI's (usually outlets, as they're significantly cheaper than breakers) in kitchens, bathrooms, and outdoors. I string as many reg'lar outlets "downstream" as I can, as GFI's are \$8, while duplex's are 50=A2, plus, GFI's don't fare well outside in the humid climate here, and aren't easily fitted into bricked-in handy-boxes anyway.

According to what I've read, the 15ma required to trip a GFI is enough to lock your heart up, if it gets cross-ways just wrong. I use rubber soles, wooden ladders, and tap the "dead" lead with my finger before grabbing it, just to be sure, and I still got buzzed twice by the ground or neutral, on this new-construction I'm just now finishing up ... this was the trap: the 220 outlet on the temp-pole ISN'T GFI, and I was feeding the house via an Edison hookup!

The discussion about power factor is instructive, but as my ancient Filter Queen vacuum cleaner taught me, a pair of .25 mifunes to ground can give

quite a jolt when you're standing on concrete, and using the original two-wire cord! I just removed them, and have had no more problems. I never asked the city what they thought about the resultant power factor losses ...(on my Rainbow vacuum, which had a 17 ga. cord, I replaced it with a 25' 14ga. extension cord, with the end whacked off and direct-wired. Much cheaper than a replacement cord, if you don't mind orange ...)

On the subject of the AWA rigs, I just got the Lindsay reprint of "cousin" Jones' 1936 Radio Handbook, and it has an ad for the RME-69, which implies it was new that year. And as someone commented, you'd have to be well-heeled on all four corners to afford most of the stuff ad'd therein =2E.. not that later decades were much better! If it hadn't been for mil-surp, there'd be a lot fewer Hams today, including myself!

To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com
Date: Mon, 10 Dec 2001 14:58:28 -0600
Subject: Re: 1936 GFI's
Message-ID: <20011210.145830.-277443.2.jackiv@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
From: JACK M IVERSON <jackiv@juno.com>

eric, what happened to the 5ma pass, 10 ma trip sspec?? Prof Dalziel out on the left coast did quite a study some years ago, from that came the gfi as we know or should know it.

jack jackiv@juno.com

Date: Mon, 10 Dec 2001 17:25:48 -0500
From: k2kl <k2kl@optonline.net>
Subject: R-390A resistor list?
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <4.3.2.7.2.20011210171230.00b512c0@mail-hub.optonline.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii; format=flowed
Content-transfer-encoding: 7BIT

Greetings glow bottle gang!

I know there is a list on the web of all the capacitors in the R-390A, (very helpful!)
Anybody have one listing all the resistors as well? I know I could create one from the parts list but maybe someone's already done that?

I'm purchasing parts for my winter restoration projects and I want to make sure I have most everything before I start.... had to stop work on my Lafayette HA-410 twice now because of missing caps and resistors, I want to stock up!

Thanks

73.....Glenn K2KL

Message-Id: <3.0.3.32.20011210172412.015ea7b8@pop-server.nc.rr.com>
Date: Mon, 10 Dec 2001 17:24:12 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: john <johnmb@nc.rr.com>
Subject: 20 M QSO
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Had today off, and after doing some Christmas shopping, I fired up the rig on 20 and called CQ. Someone came back and we chatted a bit. He then said that he was looking for a good strong station to check his frequency with, and asked me whether or not I was reading 14265.4 Mhz on my rig. I told him I was using a 1953 CE20A with a converted ARC-5 vfo, and I was likely not the station he was looking for, for decimal points of megacycles frequency measurements! He had a good laugh, and we chatted on for about 20 minutes. The WRL LA1 linear was doing a good job on short skip today.

He did observe that in the whole time we were on, he only had to tweak the RIT at his end a bit twice. Old ARC5's are not too shabby when they're warmed up!

As far as I can tell, the only reason you need that kind of accuracy is because someone else has it!

73 and Happy Holidays
John
WB50AU

Message-ID: <001c01c181ce\$4d1432e0\$6ab65b40@default>
From: "David L. Thompson" <thompson@mindspring.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Field Day - 1930's style
Date: Mon, 10 Dec 2001 17:59:13 -0500

My first Field day was 1957. On 10 and 40/80 we used a DX100/NC300. The antenna on 10 was a ground plane. On 15 we had a Gonset G66/G77 pair. I don't remember the other gear. The 15 meter beam was up over 90 feet on an old oil well derrick. Those Gonset twins really played!

I remember calling CQ on 10 then all of a sudden a W8 came back very loud. We never did figure out why 15 worked so well with low power where 10 only netted a handful of contacts with the DX100...guess it was the antenna!

I agree with Jim W8ZR it would be fun to do it again.

73 Dave K4JRB

Message-Id: <3.0.3.32.20011210184840.016364d4@pop-server.nc.rr.com>
Date: Mon, 10 Dec 2001 18:48:40 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: john <johnmb@nc.rr.com>
Subject: Re: Field Day - 1930's style
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

NA4G and his FD gang always trot out some monstrous boatanchor for field day. I believe the last one I saw was some huge rack mounted Navy surplus piece. Somewhere he's got some great pics of the operation.

We are a wonderfully tweaked bunch!
John

At 05:59 PM 12/10/01 -0500, David L. Thompson wrote:
>My first Field day was 1957. On 10 and 40/80 we used a DX100/NC300. The
>antenna on 10 was a ground plane. On 15 we had a Gonset G66/G77 pair. I
>don't remember the other gear. The 15 meter beam was up over 90 feet on an
>old oil well derrick. Those Gonset twins really played!
>
>I remember calling CQ on 10 then all of a sudden a W8 came back very loud.
>We never did figure out why 15 worked so well with low power where 10 only
>netted a handful of contacts with the DX100...guess it was the antenna!
>
>I agree with Jim W8ZR it would be fun to do it again.
>
>73 Dave K4JRB
>
>

Message-ID: <3C156374.28924EE3@lehigh.edu>
Date: Mon, 10 Dec 2001 20:37:56 -0500
From: "Arthur I. Larky" <ail0@lehigh.edu>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: [Fwd: 1936 GFI's]
Content-Type: multipart/mixed;
boundary="-----0A7FFA73B9B8B72F682D6287"

This is a multi-part message in MIME format.
-----0A7FFA73B9B8B72F682D6287
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

-----0A7FFA73B9B8B72F682D6287
Content-Type: message/rfc822
Content-Transfer-Encoding: 8bit
Content-Disposition: inline

X-Mozilla-Status2: 00000000
Message-ID: <3C15631C.1C6CC62D@lehigh.edu>
Date: Mon, 10 Dec 2001 20:36:29 -0500
From: "Arthur I. Larky" <ail0@lehigh.edu>
X-Mailer: Mozilla 4.73 [en]C-CCK-MCD (Win95; U)
X-Accept-Language: en
MIME-Version: 1.0
To: ejones@hiwaay.net
Subject: Re: 1936 GFI's
References: <v03007802b83a4365e964@[216.180.66.231]>
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

ejones@hiwaay.net wrote:

> de N4TGC Eric
>
> Which is about how many I feel like I've installed by now ... as an
> electrician, I am required by law to put GFI's (usually outlets, as they're
> significantly cheaper than breakers) in kitchens, bathrooms, and outdoors.
> I string as many reg'lar outlets "downstream" as I can, as GFI's are \$8,
> while duplex's are 50¢, plus, GFI's don't fare well outside in the humid
> climate here, and aren't easily fitted into bricked-in handy-boxes anyway.
>

> According to what I've read, the 15ma required to trip a GFI is enough to
> lock your heart up, if it gets cross-ways just wrong. I use rubber soles,
> wooden ladders, and tap the "dead" lead with my finger before grabbing it,
> just to be sure, and I still got buzzed twice by the ground or neutral, on
> this new-construction I'm just now finishing up ... this was the trap: the
> 220 outlet on the temp-pole ISN'T GFI, and I was feeding the house via an
> Edison hookup!

An electrician friend and I were putting GFI's into my basement. After he wired them in, he checked them with some thing that told him that they were wired in wrong. Upon checking, he found out that the lines went into the GFI in right-side, left-side form and came out in left-side, right-side form. Thus he was wiring the subsequent sockets neutral-side hot! Last time he used the same brand of GFI's they did not swap the sides. We were glad he checked the installation.

Moral - check everything twice.

Art K3HBA

-----0A7FFA73B9B8B72F682D6287--

Date: Mon, 10 Dec 2001 20:48:07 -0500 (EST)
From: William Donzelli <aw288@osfn.org>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: ASB-4 ?
Message-ID: <Pine.SUN.3.91-FP.1011210203310.6275D-100000@osfn.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> What the gen on a ASB-4 rx ?
>
> freq, use etc.

Early US Navy radar. The ASB series (-4s are RCA made) were production versions of the NRL's XAT, using many ideas from early British sets. I think they worked right around 450 MHz. The transmitters use triodes, not magnetrons.

Pretty basic as far as radars go - each wing of the plane was fitted with an antenna, alternately switched so the radar video would alternately show the two lobes, offset by a tiny amount. On the indicator, this alternately lobing video could be used to get a crude bearing on a target.

ASBs were mostly fitted to TBMs and the like. Often in pictures of TBMs, the antennae can be seen, although some of these may be AN/APG-4s (an odd fire control radar for torpedo control - they use the same antenna).

William Donzelli
aw288@osfn.org

From: Kargokult@aol.com
Message-ID: <146.61e548e.29472577@aol.com>
Date: Tue, 11 Dec 2001 04:01:43 EST
Subject: Doerle and regens.
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

After reading a number of Shortwave Craft magazines, i've come to know Walter C. Doerle a little better. I see him as not an innovator so much as one who just took a simple, established 2-triode regenerative circuit, as seen a decade earlier, in the early 1920s, as in the Crosley 51 and others, and simply applied it to shortwaves, while paying attention to care in construction. His early articles seem to have proved to thousands of cash-strapped radio enthusiasts in those Depression years that they could engage in exploring a fascinating new communications technology and broaden their horizons while armchair travelling the world, and this for an affordable price, particularly when they built their "Doerle" receiver from scrounged parts. His later articles all were based on the same 2-triode circuit, while others were already moving on with more sophisticated designs using separate regenerator tubes, pentodes, and dual-section tubes. After 1936, he seems to have dropped off the map. I sure would like to know more about him.

I also learned a little more about the reasons for a separate regenerator tube: You don't have any problem with fringe howl, or growling near oscillation, as the detector tube just does detection, as in grid leak detection. Also, the detector can run at maximum plate voltage, it's operating dc levels do not have to be retarded to throttle down regeneration. Of course, a well designed regen single stage detector can pretty much get around these problems, i think: you use a resistive load, not inductive, in the plate, and you use a potentiometer across the tickler, with the tap going to the plate, as a way of controlling regeneration without reactive effects or varying the screen grid or plate voltage. A couple of regen circuits i looked at, used a crystal diode before the signal grid, to boost the rectification effectiveness over that of the grid leak detector alone. That is more common today in transistor regenerator circuits, i mean the additional diode detector.

Another interesting thing i read was about a Midwest Radio Co. console radio of 1937 that had a "power saving switch". The article said you

could do this because the "new" 6 volt tubes were developed with car radios in mind, and were made to deal with varying battery supply voltages from 5 - 8 volts as the battery charge state varied. The article stated that the tubes could even operate down to 1/2 rated filament voltage. I had never read this before, altho i have seen a Popular Science wartime "Emergency Receiver" circuit that used 2, six-volt tubes, 6C6s i think, with around 3.9 volts on the filaments (and something like 9 or 12 volts on the plate, in a "space charge" circuit. The Midwest console, at lowest power position, ran 3.9 volts on the 6 volt tubes. The article said this still allowed you to pick up the stronger stations, and that the background sounded extraordinarily quiet. This made me suspect that maybe the lore i have heard in the past, even before the excellent "Running Without Recapping" by Dave Stinson, when it bragged about "lower noise" was really talking about reduced sensitivity! Oh, also interesting, the article states that these tubes were also designed with "filament voltage volume control" in mind. I never have seen that! Oh, also BTW, an Aurora Plastics Co. 1-tube regenerative receiver kit, controls the regeneration by controlling the filament current, this on a 1.5 volt tube, the instructions say it operates down to 1 volt. Plate voltage is something like 15 volts.

Okay, a little long, but maybe another soul or two is interested in this topic.

Hue Miller

From: W7QHO@aol.com
Message-ID: <a6.1e47605a.294828e7@aol.com>
Date: Tue, 11 Dec 2001 22:28:39 EST
Subject: CW Crystals?
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

All,

I know the original owner of CW Xtals sold out just before he died. As I seem to remember, the new owner moved the equipment and stocks to somewhere in the Southwest and advertised for a short period before he also died. Does anyone know where the equipment and stocks are now and what is the status of the business, i.e., tied up in probate, up for sale, in a landfill somewhere, or whatever?

Dennis D. W7QHO
Glendale, CA

End of BOATANCHORS Digest 3266

20011215.ba.v03_n2670100644000007200000310000006732507414301220013336 0ustar
modenaftp-admin20011215.ba v03_n267.bam.20011215

>From ???@??? Sat Dec 15 14:43:50 2001 -0600
Message-Id: <200112152043.fBFKhYcP010851@sco.theporch.com>
Date: Sat, 15 Dec 2001 14:42:52 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3267

BOATANCHORS Digest 3267

Topics covered in this issue include:

- 1) Beautiful pictures of German Coast stations
by "David M. Upton" <david@wb1cmg.mv.com>
- 2) Before the Classic Exchange...
by "David L. Thompson" <thompson@mindspring.com>
- 3) Re: Before the Classic Exchange...
by "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
- 4) The Easy Way Book
by "Smith" <smithab11@home.net>
- 5) Re: CW Crystals?
by "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
- 6) Re: [FWD: 80 Meter Spark Gap]
by "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
- 7) RE: [FWD: 80 Meter Spark Gap]
by "Shirli Sieb" <sieb@sympatico.ca>
- 8) Bill Stewart, K6HV- SK
by "Jay H. Miller" <jay@kk5im.com>
- 9) Fwd: Bill Stewart, K6HV- SK
by "russ dworakowski" <wb3fau@hotmail.com>
- 10) 75A-2 parts help needed
by plmills@attglobal.net
- 11) Morrow MB-6 Mobile Receiver
by "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>
- 12) Re: [FWD: 80 Meter Spark Gap]
by "Sandy W5TVW" <ebjr@i-55.com>
- 13) Mac CAD tube software
by "John Gibson" <gibsonj@mindspring.com>
- 14) Re: [FWD: 80 Meter Spark Gap]
by "Al Parker" <anchor@ec.rr.com>

- 15) ADMINISTRIVIA: Fancy HTML in Posts
by listown@nanniandjack.com (Mail List Owner)
- 16) Millen Panel Dial - NEW
by "Jack Hart" <wa2hwj@worldnet.att.net>
- 17) Re: Vintage Tube Services web page
by "russ dworakowski" <wb3fau@hotmail.com>
- 18) ID PE-109-D
by "R. W. Downs - BLB, AL" <RWDowns_WA5CAB@compuserve.com>
- 19) Who is Mfg.
by GeorgeHumphrey <gah@koyote.com>
- 20) Re: ID PE-109-D
by "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
- 21) The "whazzit" RBO arrives.....
by john <johnmb@nc.rr.com>
- 22) Re: The "whazzit" RBO arrives.....
by "moe" <moe@email.msn.com>
- 23) sprague cap chechers
by "Ken Warren" <Ken_Warren@beavton.k12.or.us>
- 24) New web pages: Multi-Elmac AF-68 & PMR-8
by "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>

Message-ID: <3C16DA03.99B1C7B1@wb1cmg.mv.com>
Date: Tue, 11 Dec 2001 23:16:03 -0500
From: "David M. Upton" <david@wb1cmg.mv.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Beautiful pictures of German Coast stations
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

http://www.pust-norden.de/index_gb.htm

>From Ham History list for those interested.

David, WB1CMG

Message-ID: <001801c182c6\$eeb72500\$c5b65b40@default>
From: "David L. Thompson" <thompson@mindspring.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Before the Classic Exchange...
Date: Tue, 11 Dec 2001 23:39:05 -0500

I picked up a Dec 1975 CQ and in the contest column was)I guess) the precursor to the Classic Exchange. Run by a group in The Cleveland area. Equipment had to be after 1945 but at least 10 years old. The kicker is that no AM was allowed before 30Mcs.

Glad that contest has been replaced.

73 Dave K4JRB

Date: Wed, 12 Dec 2001 05:51:38 -0500 (EST)
From: "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
Message-Id: <200112121051.FAA15720@aa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Before the Classic Exchange...

> '75 CQ notice / no AM < 30Mcs / Glad that contest has been replaced.

Dave it hasn't been replaced, the rules were changed a little

Was started by K8SJ (sk) his bro Al (N5AIT) & other bro K9KOM.

One of 'rigs' in 1st CX was an AK superhet where dummy-loaded TX
(a philmo?) ran as BFO during rx

Dang CX is over 25

'rm

(gud to see u, Jean, & 'carpet monitor' other nite)

Message-ID: <000701c1830b\$1f160420\$b2a70141@dover1.de.home.com>
From: "Smith" <smithab11@home.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: The Easy Way Book
Date: Wed, 12 Dec 2001 07:47:12 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Greetings all from the technical black hole of the East Coast.

Does anyone have an address where I can order another copy of the famous
book of antenna lectures.

Title is "The Easy Way"

Breck K4CHE Dover Delaware

Date: Wed, 12 Dec 2001 22:32:55 -0500 (EST)
From: "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>

Message-Id: <200112130332.WAA25582@aa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: CW Crystals?

back-to-back owner deaths

bad juju

Date: Wed, 12 Dec 2001 22:51:38 -0500 (EST)
From: "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
Message-Id: <200112130351.WAA26918@aa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: skywide@yahooogroups.com
Subject: Re: [FWD: 80 Meter Spark Gap]

Jerry did you or anyone copy VE3BBN on 3550?

I worked him & his 10W Hartley during the last minutes of the AWA on Sunday nite. Was S3 @ 10W on terminator (gray line) ~6P.

Don't know how the broader spark sig. might have fared @ 10P (EST)

Maybe no permission.

Did copy two 8s rag-chewing on freq. right up to 10P tho

'rm

From: "Shirli Sieb" <sieb@sympatico.ca>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: [FWD: 80 Meter Spark Gap]
Date: Wed, 12 Dec 2001 22:53:56 -0500
Message-ID: <LOBBJHOL00HLIPLONIAFMEDNEKAA.sieb@sympatico.ca>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I started listening at 8:55. Lot's of other stations playing around, sending "TEST", and other stuff. A few jokers were sending "pseudo-spark", raucously modulated LSB MCW. A few phone stations dropped some comments. "OK - let's get the show on the road!"

Suddenly, at about 9:00 a few stations started to give their callsigns, as if in a pile-up. The cacaphony of QRM continued, but dropped off by 9:20 or so, when I __thought__ I heard VE3BBN's spark sigs.

At 8:50, I finally heard them well enough to actually copy M-A-R-C-O-N-I, but no "S" dits. I was tuned to 3548, USB on my receiver. (There was too much local computer trash and TV horiz. osc. QRM to use AM.) It was quite musical, and very wide-band, and highly subject to the QSB and some weird form of selective fading that caused the tone to change timbre with the QSB. Is this what early hams used to hear? It was actually quite thrilling to hear this. I sat there imagining what early hams must have heard through their phones. Very intriguing!

Ed - VA3ES

> -----Original Message-----
> From: Marty's Refl. Drop
> Sent: Wednesday, December 12, 2001 10:52 PM
>
> Jerry did you or anyone copy VE3BBN on 3550?

Mime-Version: 1.0
Message-Id: <p05100305b83de2c1a891@[199.34.24.177]>
Date: Wed, 12 Dec 2001 22:45:02 -0600
To: Old Tube Radios <boatanchors@theporch.com>
From: "Jay H. Miller" <jay@kk5im.com>
Subject: Bill Stewart, K6HV- SK
Content-Type: text/plain; charset="iso-8859-1" ; format="flowed"
Content-Transfer-Encoding: quoted-printable

It is with profound regret that I pass along news of the passing of Bill Stewart, K6HV, one of the pioneers of the Collins Radio Company.

Bill was hired by Art Collins in 1935 and worked for the company for many years before moving to California. He was instrumental in the research for my Pictorial History Book and became a good friend. Bill, Roy Olson and others probably formed the first "working group" for amateur products at Collins Radio in the mid 1930s.

He passed away suddenly today at 5pm EST at the home of his daughter.

I would appreciate someone cross posting this announcement to other Collins lists as I am sure there are many others who should be informed of Bill's passing.

I have no other details at this time.

From: "russ dworakowski" <wb3fau@hotmail.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Fwd: Bill Stewart, K6HV- SK
Date: Thu, 13 Dec 2001 01:52:55 -0500
Mime-Version: 1.0
Content-Type: text/plain; format=flowed
Message-ID: <LAW2-F89GwC6RZT26X0000021a2@hotmail.com>

>From: "Jay H. Miller" <jay@kk5im.com>
>Reply-To: jay@kk5im.com
>To: Old Tube Radios <boatanchors@theporch.com>
>Subject: Bill Stewart, K6HV- SK
>Date: Wed, 12 Dec 2001 22:45:02 -0600
>
>It is with profound regret that I pass along news of the passing of
>Bill Stewart, K6HV, one of the pioneers of the Collins Radio Company.
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>for amateur products at Collins Radio in the mid 1930s.
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>
>I would appreciate someone cross posting this announcement to other
>Collins lists as I am sure there are many others who should be
>informed of Bill's passing.
>
>I have no other details at this time.
>73
>

Send and receive Hotmail on your mobile device: <http://mobile.msn.com>

Message-ID: <3C188D0E.163469C2@attglobal.net>
Date: Thu, 13 Dec 2001 05:12:14 -0600
From: plmills@attglobal.net
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: 75A-2 parts help needed

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello,

I am repairing a 75A-2 for a friend that was damaged in shipment. It was banged about so hard that the preselector rack was dislodged and 3 of the small diameter slugs were broken. Does anyone have a parts unit with these slugs that they can sell me?

thanks & 73,
Phil
W5BVB

Message-Id: <5.1.0.14.2.20011213080041.054922e0@po.muohio.edu>
Date: Thu, 13 Dec 2001 08:08:58 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>
Subject: Morrow MB-6 Mobile Receiver
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Gang,
Lately, I've become interested in little mobile receivers of the 1950s. Although they generally have straightforward electrical designs, their mechanical construction is often quite innovative.

Recently, I acquired a Morrow MB-6, which I'd never heard of. Physically it resembles the MBR-5, which one occasionally sees (usually as rusted hulks) at hamfests. The MB-6 appears to be an upscale version of the MBR-5, with a dial drum that rotates each band into a little window.

The inside of the radio was quite a surprise to me. The workmanship was impressive and a marvel of close packaging. After alignment, the receiver also lived up to its thirteen tube design. I added a page on the MB-6 to my website, so you can check out the little radio if you're interested. The URL is
<http://www.muohio.edu/~4cx250b/web/morrowrx.htm>

73,

Jim Garland W8ZR

Message-ID: <003401c183d8\$8ce6e000\$db9ccdd1@ebjr>
From: "Sandy W5TVW" <ebjr@i-55.com>

To: Old Tube Radios <boatanchors@theporch.com>
Cc: <glowbugs@piobaire.mines.uidaho.edu>
Subject: Re: [FWD: 80 Meter Spark Gap]
Date: Thu, 13 Dec 2001 07:17:02 -0600
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Subject: RE: [FWD: 80 Meter Spark Gap]

> I started listening at 8:55. Lot's of other stations playing around,
> sending "TEST", and other stuff. A few jokers were sending "pseudo-spark",
> raucously modulated LSB MCW. A few phone stations dropped some comments.
> "OK - let's get the show on the road!"
>

I thought I had heard him at around 0210-0215 GMT under the pileup but was suspicious as the signal sounded way too narrow! I guess I was "snookered" by some LID on the frequency. I was listening on 3548 at the time. Way too much QRM generated to decently listen. Last thing heard was "SSS" afterwards "QRT". He came back to a K2 once but he was drowned in the QRM. Sounded like a batch of DX hounds or testers in a huge pileup! (I ever succumbed to the frenzy for a couple of calls!) My suspicion is that the station on 3548 was a phony. Way too narrow for a spark signal!

73,
Saandy W5TVW

Date: Thu, 13 Dec 2001 08:07:37 -0800
Subject: Mac CAD tube software
From: "John Gibson" <gibsonj@mindspring.com>
To: Old Tube Radios <boatanchors@theporch.com>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
Message-Id: <E16EY0X-0000tG-00@mclean.mail.mindspring.net>

I would like to design and simulate tube circuits on my iMac. Does anyone have firsthand knowledge of such CAD software? Thanks.

Message-ID: <063101c183f0\$15f43480\$6401a8c0@ec.rr.com>
From: "Al Parker" <anchor@ec.rr.com>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: <glowbugs@piobaire.mines.uidaho.edu>, <ebjr@i-55.com>,

"Marty, AA4RM" <polepeeg@aa4rm.ba-watch.org>
Subject: Re: [FWD: 80 Meter Spark Gap]
Date: Thu, 13 Dec 2001 11:06:12 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Did I miss the whole idea? I thought the VE3BBN effort was a "listen only" event, not a "DX pileup melee". I couldn't figure out what the Poldhu group was going to do, but thought it was to be a transmission somewhere on 160m, probably finished b4 it might be heard over here.

I thought the mess around 3550 was disgusting, if not disgraceful. I listened abt 0210-0215Z on my SX-115, thought I heard a spark signal sending QRZ for a moment. Switched to the TR-7A for it's 8kc bandwidth, heard the strong sparkish signal on 3551-52, but as several say, much too narrow. It was sending QRZ SS or SSS a few times. It was only audible when the fervor slackened. Seemed like there must have been a signal that the idiots were hearing & responding too. Kept trying off & on until abt 0245. My level of tolerance/frustration is pretty low.

I never did hear what might have been VE3BBN's "Marconi S", it never got quiet enough. Might have made it here on the NC coast if not for all the crap. It seems to me there was a spark event about 25 yrs ago in which actual QSO's were made. Does anyone else remember that? I'd have to find old logbooks to trace it down, think I saw them sometime in the last yr or 2.

73 in frustration,
Al, W8UT
New Bern, NC
BoatAnchors appreciated here
anchor@ec.rr.com
<http://www.thecompendium.net/radio/>

And remember; "-They don't make tubes nowadays like they used to..."

----- Original Message -----

From: "Sandy W5TVW" <ebjr@i-55.com>
To: "Old Tube Radios" <boatanchors@theporch.com>
Cc: <glowbugs@piobaire.mines.uidaho.edu>
Sent: Thursday, December 13, 2001 8:17 AM
Subject: Re: [FWD: 80 Meter Spark Gap]

> > I started listening at 8:55. Lot's of other stations playing around,
> > sending "TEST", and other stuff. A few jokers were sending
"pseudo-spark",
> > raucously modulated LSB MCW. A few phone stations dropped some comments.
> > "OK - let's get the show on the road!"
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> in a huge pileup! (I ever succumbed to the frenzy for a couple of calls!)
> My suspicion is that the station on 3548 was a phony. Way too narrow
> for a spark signal!
>
> 73,
> Saandy W5TVW
>
>

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.306 / Virus Database: 166 - Release Date: 12/8/01

Message-Id: <200112131915.fBDJF6NI005769@osr506.nanniandjack.com>
From: listown@nanniandjack.com (Mail List Owner)
To: Old Tube Radios <boatanchors@theporch.com>
Subject: ADMINISTRIVIA: Fancy HTML in Posts
Date: Thu, 13 Dec 2001 11:15:00 -0800 (PST)

Gang-

Please accept this periodic posting as it is intended:
A suggestion that will help everyone on the list...

Many many of the members of the list read through text-based mailers on systems of other than WIntel origins... this is particularly true for those members who are "off-shore" where the technology is too expensive to justify. Just keep in mind that NOT everyone reads the list postings with the very latest windowed technology.

PLEASE avoid the use of HTML and "quoted printable" in your email. If you don't know what this means, then PLEASE get help and set your mailer up so that you send your posts to the list in "PLAIN TEXT" only, with NO fancy HTML.... generally, avoid fancy fonts and colors, which will force your mailer to use the fancy stuff, and creates the problem.

The problem is serious enough that we have taken steps to protect the list... we have created a filter that detects anything sent to the list that is not plain text, and deletes the rest of the message from the place where the non-text is detected.

You may have seen "FOBIDDEN FORMAT" in a post to the list, and wondered what happened... it is the phrase we insert to let the poster know that the post contained a binary, an attachment, HTML, a "vcard" or some other format that presents a problem to the List Processor... it enforces consideration of your fellow BoatAnchors members.

PLEASE use only plain text.

PLEASE Get help with setting your mailer to not send the fancy HTML and quoted printable.

PLEASE be considerate of the list resources and your fellow members.

Thanks for your attention

--

73

Jack, W4KH/Mobile - - - BoatAnchor Mailing List Owner - - -
listtown@nanniandjack.com - "Plus ca change, plus c'est la meme chose"
"Il n'y a que les idiots qui ne changent jamais d'idee"
Thu Dec 13 11:15:00 PST 2001

From: "Jack Hart" <wa2hwj@worldnet.att.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Millen Panel Dial - NEW
Date: Thu, 13 Dec 2001 21:46:46 -0500
Message-ID: <NDBBLHOPKHJJ0JFDEBPEGEFFCCAA.wa2hwj@worldnet.att.net>

FORSALE:

Millen 10035 Panel Dial, new in the box. This is the large (approx. 6 1/2 inches high, by 8 inches wide) dial that has space for additional controls on either side of the large tuning knob. It is brand new, complete with the drilling template in the original James Millen Box. Just the ticket for that HBR receiver you have been wanting to build for a long time!.....\$40, shipping included.
73,
Jack WA2HWJ

From: "russ dworakowski" <wb3fau@hotmail.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Vintage Tube Services web page

Date: Fri, 14 Dec 2001 02:00:32 -0500
Mime-Version: 1.0
Content-Type: text/plain; format=flowed
Message-ID: <LAW2-F1321cEPt0n1NF0000388f@hotmail.com>

interspritzen!

>From: KN2X@webtv.net (William Henneberry)
>Reply-To: KN2X@webtv.net
>To: Old Tube Radios <boatanchors@theporch.com>
>CC: boatanchors@theporch.com (Old Tube Radios), boatanchors@theporch.com
>(Old Tube Radios)
>Subject: Re: Vintage Tube Services web page
>Date: Wed, 5 Dec 2001 11:46:22 -0500 (EST)
>
>The strange shield on the tuner tube was there to damp out Barkenhausen
>oscillations.
>
><< Message3.txt >>

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>.

Date: Fri, 14 Dec 2001 05:52:44 -0500
From: "R. W. Downs - BLB, AL" <RWDowns_WA5CAB@compuserve.com>
Subject: ID PE-109-D
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <200112140553_MC3-EA9B-3C51@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Groups,

Someone found an Inverter Unit PE-109-D at an estate sale. Anyone know the
he
applications? Ratings?

Robert W. Downs
<rwdowns_wa5cab@compuserve.com>
Houston, TX/Bayou LaBatre, AL

Message-Id: <3.0.6.32.20011214104604.007bdc30@pop3.norton.antivirus>
Date: Fri, 14 Dec 2001 10:46:04 -0600
To: Old Tube Radios <boatanchors@theporch.com>
From: GeorgeHumphrey <gah@koyote.com>
Subject: Who is Mfg.
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

BAers,

I picked up a nice looking tube type table top radio that covers AM, FM and SW. The mfg is Korting and is called a Billy. The back says distributed by Delmonico and has model number 1036. It is wired for 115VAC but has the European tubes inside. Can anyone tell me anything about the manufacturer, where they are located, quality of work and etc.?

Thanks,
George KC5WBV

Date: Fri, 14 Dec 2001 14:54:32 -0500 (EST)
From: "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
Message-Id: <200112141954.0AA20968@aa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: ID PE-109-D

OK I dunno a PE109

I just tripped on a RM29 which seems to be a field-fone-patch to a Crosley SCR284.

D'ya know anyone that's dying for one?

This's a like-new example.

In case I forget... Happy Holidays

Marty

Message-Id: <3.0.3.32.20011214175804.0136d40c@pop-server.nc.rr.com>
Date: Fri, 14 Dec 2001 17:58:04 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: john <johnmb@nc.rr.com>
Subject: The "whazzit" RBO arrives.....
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

.... and for once, due to some decent packing and the tank like construction UPS didnt damage its 86 lbs!

If you'd like to take a peek, I've upped some pictures at:

<http://www.old-radios.com/scott/scott1s.jpg>
<http://www.old-radios.com/scott/scott2s.jpg>
<http://www.old-radios.com/scott/scott3s.jpg>
<http://www.old-radios.com/scott/scott5s.jpg>
<http://www.old-radios.com/scott/scott6s.jpg>

I'd have to say, that it's certainly one of the filthiest radios I've ever seen, but a quick sweep of a paintbrush on the chassis shows it's nice, under a thick layer of protective dirt, and a swab of the front panel with cleaner, shows nice knobs and nice (!) "luanne paneling" woodgrain finish. Im sure this is the original panel (it's sporting nice, raised lettering) but the finish looks at first glance to have been applied later. It's not apparently, a rack mount version, as the front panel is narrower than a normal rack, and is missing the "ears". I didnt see any hacksaw marks, so I dont know whether that's a modification or what... time and careful cleaning will tell.

Amazing what a cover over the main tuning circuitry can do to keep a radio clean (and functioning, I bet). It'll be a while before I put power to this (after a close inspection and cleaning) but Im optimistic.

Thanks to everyone who sent in identification...it clearly IS the radio at: http://www.schroeder-dieball.com/scottradiolabs/rbo2_srl.htm

Hope you enjoy the peek...

Merry Christmas, all...
John

-----=
John Brewer - WB50AU/4
AMI #24
Clayton NC
johnmb@nc.rr.com
-----=

Message-ID: <003801c184e0\$1a0c02a0\$13cd173f@JMORRIS2K>
From: "moe" <moe@email.msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: The "whazzit" RBO arrives.....

Date: Fri, 14 Dec 2001 15:44:17 -0500
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----=_NextPart_000_0035_01C184B6.3036DA20"

This is a multi-part message in MIME format.

-----=_NextPart_000_0035_01C184B6.3036DA20
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

It will be worth it when you get things all cleaned up. The oil filled =
filter caps, on mine at least, were just fine. That front panel is truly =
bizzare.=20
Good luck.

John - WB0RLD

----- Original Message -----=20
From: john=20
To: Old Tube Radios=20
Sent: Friday, December 14, 2001 5:58 PM
Subject: The "whazzit" RBO arrives.....

.... and for once, due to some decent packing and the tank like =
construction
UPS didnt damage its 86 lbs!

If you'd like to take a peek, I've upped some pictures at:

<http://www.old-radios.com/scott/scott1s.jpg>
<http://www.old-radios.com/scott/scott2s.jpg>
<http://www.old-radios.com/scott/scott3s.jpg>
<http://www.old-radios.com/scott/scott5s.jpg>
<http://www.old-radios.com/scott/scott6s.jpg>

I'd have to say, that it's certainly one of the filthiest radios
I've ever seen, but a quick sweep of a paintbrush on the chassis
shows it's nice, under a thick layer of protective dirt, and a swab
of the front panel with cleaner, shows nice knobs and nice (?)
"luanne paneling" woodgrain finish. Im sure this is the original panel =
(it's
sporting nice, raised lettering) but the finish looks at first glance
to have been applied later. It's not apparently, a rack mount
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missing the "ears". I didnt see any hacksaw marks, so I dont know

whether that's a modification or what... time and careful cleaning
will tell.

Amazing what a cover over the main tuning circuitry can do=20
to keep a radio clean (and functioning, I bet). It'll be a while =
before
I put power to this (after a close inspection and cleaning) but Im=20
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Thanks to everyone who sent in identification...it clearly IS the =
radio
at : http://www.schroeder-dieball.com/scottradiolabs/rbo2_srl.htm

Hope you enjoy the peek...

Merry Christmas, all...
John

```
--=3D--=3D--=3D--=3D--=3D--=3D--=3D--=3D--=3D--=3D--=3D--=3D--  
John Brewer - WB50AU/4  
AMI #24  
Clayton NC=20  
johnmb@nc.rr.com  
--=3D--=3D--=3D--=3D--=3D--=3D--=3D--=3D--=3D--=3D--=3D--
```

```
-----=_NextPart_000_0035_01C184B6.3036DA20
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
```

```
* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---
*      This post contains a forbidden message format
*      (such as an attached file, a v-card, HTML formatting)
*      Mail Lists at theporch.com only accept PLAIN TEXT
*      If your postings display this message your mail program
*      is not set to send PLAIN TEXT ONLY and needs adjusting
* * * * *
```

```
-----= NextPart 000 0035 01C184B6.3036DA20--
```

Message-id: <fc.004c4c3101f2cba0004c4c3101f2cba0.1f2cba1@beavton.k12.or.us>
Date: Fri, 14 Dec 2001 17:45:22 -0800
Subject: sprague cap chechers
To: Old Tube Radios <boatanchors@theporch.com>
From: "Ken Warren" <Ken Warren@beavton.k12.or.us>

MIME-Version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit

Can anyone tell me the difference between a sprague model T0-5 and a TCA-1
cap checker? Which model is newer?

Ken Warren K7RPX

Message-Id: <5.1.0.14.2.20011215153546.00a629f0@po.muohio.edu>
Date: Sat, 15 Dec 2001 15:42:55 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>
Subject: New web pages: Multi-Elmac AF-68 & PMR-8
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Gang,
I've been working this weekend to add a couple of new radios to my website.
I've just finished pages on the Multi-Elmac PMR-8 receiver and AF-68
transmitter, which you can check out at
<http://www.muohio.edu/~4cx250b/web/pmr8.htm>
and <http://www.muohio.edu/~4cx250b/web/af68.htm>

I was fortunate to come across these radios two years ago unused and packed
in their original cartons. The only other NIB radio I ever found was an
HRO-500, when a bunch of mil-surplused ones came on the market a few years ago.
73,
Jim Garland W8ZR

End of BOATANCHORS Digest 3267

20011217.ba.v03_n268010064400000720000003100000006433007414301220013332 0ustar
modenaftp-admin20011217.ba v03_n268.bam.20011217

>From ???@??? Mon Dec 17 11:39:13 2001 -0600
Message-Id: <200112171738.fBHHcwcP000764@sco.theporch.com>
Date: Mon, 17 Dec 2001 11:38:33 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3268

BOATANCHORS Digest 3268

Topics covered in this issue include:

- 1) was NX, now CX
by ejones@hiwaay.net
- 2) TGTP xmtr - Old Radio Column - Jan. 2002 QST
by "John Dilks, K2TQN" <oldradio@worldnet.att.net>
- 3) Extra Literature Items
by "Joe Watson" <wwatson@mmcable.com>
- 4) Re: New web pages: Multi-Elmac AF-68 & PMR-8
by "moe" <moe@email.msn.com>
- 5) re: Extra Literature...
by "Joe Watson" <wwatson@mmcable.com>
- 6) Re: New web pages: Multi-Elmac AF-68 & PMR-8
by "moe" <moe@email.msn.com>
- 7) Re: New web pages: Multi-Elmac AF-68 & PMR-8
by "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
- 8) Stancor A4350
by "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
- 9) FS:BX-49 and crystals for BC-611
by Tom B <tbryan@nova.org>
- 10) Re: Stancor A4350
by john <johnmb@nc.rr.com>
- 11) Test set 7618
by "Brian Goldsmith" <brian.goldsmith@echo1.com.au>
- 12) Re: ID PE-109-D
by William Donzelli <aw288@osfn.org>
- 13) Re: ID PE-109-D
by "ed sharpe" <esharpe@uswest.net>
- 14) Re: [MilSurplus] Re: ID PE-109-D
by William Donzelli <aw288@osfn.org>
- 15) Re: [MilSurplus] Re: ID PE-109-D
by William Donzelli <aw288@osfn.org>
- 16) R-392
by Morris Odell <Morris0@vifp.monash.edu.au>
- 17) Re: [MilSurplus] Re: ID PE-109-D
by "ed sharpe" <esharpe@uswest.net>
- 18) Stefan Bishay please contact us with your new email address.
by "ed sharpe" <esharpe@uswest.net>
- 19) REF: SP-600 Re-cap info
by Dan <hankarn@pacbell.net>
- 20) Re: SP-600 Re-cap info
by "Al Parker" <anchor@ec.rr.com>
- 21) Re: [R-390] REF: SP-600 Re-cap info
by Dan <hankarn@pacbell.net>
- 22) HRO-60 hot, but....
by "A. B. Bonds" <ab@vuse.vanderbilt.edu>

Date: Sat, 15 Dec 2001 16:37:59 -0600 (CST)
Message-Id: <v03007800b84129ee694a@[216.180.65.173]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: ejones@hiwaay.net
Subject: was NX, now CX

de N4TGC Eric

Koinkidinkally to K4JRB Dave's mention of the first Nostalgia Exchange (now Classic Exchange), I had just read a Dec '76 QST mag with a two-page write-up on that very incident. AM wasn't mentioned at all in this article, altho the OM's apparently did use CW - when they weren't using SSB to solicit contacts!

The only clues to the date of that first, "official" CX, was the date of the article's publication, and that an RME-69 was listed as being 41 years old - which means the RME-69 must be one year older than I thought ...

To think, a Viking I for only \$10! Okay, so it needed help, but still ... I wouldn't mind having the NX-50 mentioned alongside the NC-300, which I have already. Pity National didn't see fit to make tx's that matched their rx's ... I think the oldest rig I have is the bandwidth-challenged WW2-era BC-654, which covers only 3.8 to 6.5 mc, and uses the wildy obsolete 307A RF PA. Now, if I could just get time to get any of these WORKING ... e

Message-Id: <4.3.2.7.0.20011215205611.00c7e6f0@postoffice.worldnet.att.net>
Date: Sat, 15 Dec 2001 21:05:16 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: "John Dilks, K2TQN" <oldradio@worldnet.att.net>
Subject: TGTP xmtr - Old Radio Column - Jan. 2002 QST
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

To all,

I have a nice TGTP transmitter in the January QST and on my web site.
<http://www.eht.com/oldradio/arrl/> click on January 2002 TGTP Transmitter link.

Al Klase, N3FRQ and a BA member has an even better article on the Autodyne in the same QST. He also took the cover photo.

--[Remember to Vote for Al's Autodyne article on the ARRL.org Members' only page, best article for January. Let them know you like the vintage

articles.]--

Contact me if you want to write a vintage article for QST, I'll help you as much as I can.

73' John Dilks, K2TQNd

Message-ID: <000a01c185e8\$a3240c00\$baee1a41@radiatoroom>
From: "Joe Watson" <wwatson@mmcable.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Extra Literature Items
Date: Sat, 15 Dec 2001 22:17:55 -0600
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----=_NextPart_000_0007_01C185B6.584C9300"

This is a multi-part message in MIME format.

-----=_NextPart_000_0007_01C185B6.584C9300
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

I figure I can, on average, ship these without losing money if I charge =
5 cents per page.
So if you want any of this stuff, add up the pages and multiply by 5 to =
get shipped (USA) price.
First come, first served.

ALL ARE ORIGINALS

Military

Radio Receiver R-140/FSM-1 (TM11-885)	Technical Manual	=
82 pages	=20	
R-278		=
Technical Manual	85 pages	

Receivers

Nems-Clarke 1412/1432 Telemetry Receiver	Technical Manual	=
70 pages		

Test Equipment

HP Audio Generator Model 205A	Technical Manual	=
17 pages		

	"	"	"		=
Oper/Service Manual	12	pages			
Tektronix Type L Plug-in Unit				Instruction	=
Manual	68	pages			
Heath Signal Generator SG-8				Instruction	=
Manual	32	pages			
Heath Audio Generator AG-9A				Instruction	=
Manual	21	pages (+charts)			
Heath Regulated Power Supply PS-4				Instruction Manual	=
	28	pages			
Heath High-Fidelity FM Tuner AJ-31				Instruction Manual	=
	32	pages			
Heath VTVM Model W-V-7A				Instruction Manual	=
	15	pages			
Precision E-200/E-200C Signal Generator				Instruction Manual	=
	19	pages			
Eico Grid-Dip Meter Model 710				Instruction	=
Manual	12	pages			
Eico (the T word) Power Supply Model 1020				Instruction Manual	=
	7	pages			
General Radio Type 1216-A Unit IF Amp				Instruction Manual	=
	28	pages			
General Radio Type 1217-A Unit Pulser				Instruction Manual	=
	40	pages			
Tube Data Sheets					
Eitel-McCullough 4-65A, 4-125A, 100TH, 35TG, GE 4-125A					=
	28	pages			
RCA Ham Tips (8 different issues, 1948-49)					=
	32	pages		=20	
GE Ham News (6 different issues, 1947-1951)					=
	48	pages			
Joe Watson, W5WBR					
1713 Chickasha Circle					
Edmond, OK 73013					

=20

=20

-----=_NextPart_000_0007_01C185B6.584C9300

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
* This post contains a forbidden message format *
* (such as an attached file, a v-card, HTML formatting) *
* Mail Lists at theporch.com only accept PLAIN TEXT *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

-----=_NextPart_000_0007_01C185B6.584C9300--

Message-ID: <002601c185d4\$6877d7d0\$3ccd173f@JMORRIS2K>
From: "moe" <moe@email.msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: New web pages: Multi-Elmac AF-68 & PMR-8
Date: Sat, 15 Dec 2001 20:53:05 -0500
MIME-Version: 1.0
Content-Type: multipart/mixed;
boundary="-----=_NextPart_000_0022_01C185AA.7E733AE0"

This is a multi-part message in MIME format.

-----=_NextPart_000_0022_01C185AA.7E733AE0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
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* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

-----=_NextPart_000_0022_01C185AA.7E733AE0--

Message-ID: <001301c185ee\$db3c3030\$bbaee1a41@radioroom>
From: "Joe Watson" <wwatson@mmcable.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: re: Extra Literature...
Date: Sat, 15 Dec 2001 23:02:26 -0600
MIME-Version: 1.0

Content-Type: multipart/alternative;
boundary="-----=_NextPart_000_0010_01C185BC.9081B510"

This is a multi-part message in MIME format.

-----=_NextPart_000_0010_01C185BC.9081B510
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

The Heath and Eico literatue has been spoken for.

Joe

-----=_NextPart_000_0010_01C185BC.9081B510
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
* ---REMAINDER OF MESSAGE TRUNCATED--- *
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* * * * *

-----=_NextPart_000_0010_01C185BC.9081B510--

Message-ID: <004601c185d9\$aef0f930\$3ccd173f@JMORRIS2K>
From: "moe" <moe@email.msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: New weh pages: Multi-Elmac AF-68 & PMR-8
Date: Sat, 15 Dec 2001 21:30:51 -0500
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----=_NextPart_000_0043_01C185AF.C51281E0"

This is a multi-part message in MIME format.

-----=_NextPart_000_0043_01C185AF.C51281E0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Jim,

I enjoyed your description and pictures of the AF-68 and matching =
receiver. In your "bio" of the Multi Elmac Company, you indicate it was =
purchased by the Stanley Garage Door Co.

That purchase, by Stanley, was not as unconnected as one might think =
based on the conglomerate fever of the time. As I was refurbishing my =
AF-68 a couple of years ago, the Elmac typeface kept looking awful =
familiar to me.=20

It finally dawned on me that the garage door openers/receiver used on my =
garage, built circa 1965, were made by some company in Michigan ... =
Multi Elmac. So, Stanley did what many other companies do to stay alive, =
buy your competition.

I have a picture of one of the openers showing Multi Elmac on the back. =
If interested request via email.

73's

John Morris
WBORLD

----- Original Message -----=20

From: James C. Garland=20

To: Old Tube Radios=20

Sent: Saturday, December 15, 2001 3:42 PM

Subject: New web pages: Multi-Elmac AF-68 & PMR-8

Hi Gang,

I've been working this weekend to add a couple of new radios to my =
website.=20

I've just finished pages on the Multi-Elmac PMR-8 receiver and AF-68=20
transmitter, which you can check out at=20

<http://www.muohio.edu/~4cx250b/web/pmr8.htm>

and <http://www.muohio.edu/~4cx250b/web/af68.htm>

I was fortunate to come across these radios two years ago unused and =
packed=20

in their original cartons. The only other NIB radio I ever found was =
an=20

HR0-500, when a bunch of mil-surplused ones came on the market a few =
years ago.

73,

Jim Garland W8ZR=20

-----=_NextPart_000_0043_01C185AF.C51281E0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

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* * * * *

-----=_NextPart_000_0043_01C185AF.C51281E0--

Date: Sun, 16 Dec 2001 11:12:24 -0500 (EST)
From: "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
Message-Id: <200112161612.LAA28170@aa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: New weh pages: Multi-Elmac AF-68 & PMR-8

And I have a Central Electronics Picture Tube Brightener.

No, it doesn't use phasing method

Date: Sun, 16 Dec 2001 11:16:24 -0500 (EST)
From: "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
Message-Id: <200112161616.LAA28429@aa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Stancor A4350

Looked in a '51 Radio Masters to no avail

Has 4 tapped windings.

Stancor, OK. Remains of yellow-taped ID still stuck to it. "A" was
Stancor (& Merit) ID std (not sexually-transmitted disease) for 'audio.'

Suspicious it's a transistor multi-match modulation xfrmr.

Tks,

Marty

Message-Id: <3.0.6.32.20011216112643.0212e7e0@mail.nova.org>
Date: Sun, 16 Dec 2001 11:26:43 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: Tom B <tbryan@nova.org>
Subject: FS:BX-49 and crystals for BC-611
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello All,

I have for sale a BX-49 with crystals for the BC-611. The box contains 12 sets of crystals, antenna coils, and tank coils for the 4035-5500kc range. The box is in fair condition outside and excellent inside. The frequency labels on the outside of the box are pretty much gone. Price is \$65.00 plus shipping.

Tom Bryan
tbryan@nova.org

Message-Id: <3.0.3.32.20011216121103.01501044@pop-server.nc.rr.com>
Date: Sun, 16 Dec 2001 12:11:03 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: john <johnmb@nc.rr.com>
Subject: Re: Stancor A4350
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

it's in the 39 catalog...
Single or DB mic, or line to line xfmr

Impedance Line 50, 100 125 200 333 500
Sec: 50,125,200,333,500
150mA primary

Cost: 2.75

John

At 11:16 AM 12/16/01 -0500, Marty's Refl. Drop wrote:

>
>Looked in a '51 Radio Masters to no avail
>
>Has 4 tapped windings.
>
>Stancor, OK. Remains of yellow-taped ID still stuck to it. "A" was

>Stancor (& Merit) ID std (not sexually-transmitted disease) for 'audio.'
>
>Suspicious it's a transistor multi-match modulation xfrmr.
>
> Tks,
>
> Marty
>
>

Message-ID: <004b01c18688\$40b1c170\$e7168490@workstation2>
From: "Brian Goldsmith" <brian.goldsmith@echo1.com.au>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Test set 7618
Date: Mon, 17 Dec 2001 10:19:49 +1100
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Seasons greetings to all. Does anyone know anything about Test Set 7618, Ref.No.10S/16830 which is most probably for British equipment. It is used for "Polarised Relay Measurements" and other voltage/current measurements of motors, clutches etc. I have one of these units and a heap of Carpenter polarised relays that have been in a box here for years. Inside the test set are test figures and references to transmitter unit 7703 which has, mixer unit 7100, oscillator unit 7106, comparator unit 7101 etc. Other references are to receiver unit 9095 which has mixer unit 7100, comparator unit, oscillator unit etc. Transmitter unit 9231 gets a guernsey as does Receiver unit 9096. Best guess to date is for some type of "teletype" test setup, any further information gratefully accepted.

Brian Goldsmith.

Date: Sun, 16 Dec 2001 18:38:32 -0500 (EST)
From: William Donzelli <aw288@osfn.org>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: ID PE-109-D
Message-ID: <Pine.SUN.3.91-FP.1011216183622.4815A-100000@osfn.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> Someone found an Inverter Unit PE-109-D at an estate sale. Anyone know the
> applications? Ratings?

It is for the SCR-540 radar set, a P band thing made by Western Electric.
Quite early. I think the one (PE, that is. Only have some SCR-540
parts) here is an -A. Perhaps the -D was one for replacement use, after
the first bunches burnt up.

William Donzelli
aw288@osfn.org

Date: Sun, 16 Dec 2001 17:23:50 -0700
Message-ID: <006801c18691\$1a863ef0\$0100a8c0@smeccxp>
From: "ed sharpe" <esharpe@uswest.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: milsurplus@qth.net
Subject: Re: ID PE-109-D
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

As we are looking for all types of these parts to at some point build a
complete unit we would be very interested in purchasing this unit. please
relay to your friend that found it at an estate sale we would love to house
it!

see the museum at www.smecc.org

ed sharpe archivist for smecc
----- Original Message -----
From: "William Donzelli" <aw288@osfn.org>
To: "Old Tube Radios" <boatanchors@theporch.com>
Cc: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Sunday, December 16, 2001 4:38 PM
Subject: Re: ID PE-109-D

> > Someone found an Inverter Unit PE-109-D at an estate sale. Anyone know
> the
> > applications? Ratings?
>
> It is for the SCR-540 radar set, a P band thing made by Western Electric.
> Quite early. I think the one (PE, that is. Only have some SCR-540
> parts) here is an -A. Perhaps the -D was one for replacement use, after
> the first bunches burnt up.

>
> William Donzelli
> aw288@osfn.org
>
>
>

Date: Sun, 16 Dec 2001 19:56:09 -0500 (EST)
From: William Donzelli <aw288@osfn.org>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>, milsurplus@qth.net
Subject: Re: [MilSurplus] Re: ID PE-109-D
Message-ID: <Pine.SUN.3.91-FP.1011216194520.4815I-1000000@osfn.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> As we are looking for all types of these parts to at some point build a
> complete unit we would be very interested in purchasing this unit. please
> relay to your friend that found it at an estate sale we would love to house
> it!

I think the PE-109-D would earn its keep as an 800 Hz power supply,
although I think the output voltage is a bit low.

As far as finding other SCR-540 pieces - all I can say is "good luck"! Not
many were made (probably just a couple of hundred), and the components
almost never showed up in the old surplus catalogs. In fact, the only
pieces I have ever seen advertised were the antennae (AN- somethings).
Compass (now history!) had a pair of BC-749-A receivers, one of which I
have now, and the other is in another collection. Everything else is
"waiting to be found".

William Donzelli
aw288@osfn.org

Date: Sun, 16 Dec 2001 20:40:06 -0500 (EST)
From: William Donzelli <aw288@osfn.org>
To: Old Tube Radios <boatanchors@theporch.com>
cc: milsurplus@qth.net
Subject: Re: [MilSurplus] Re: ID PE-109-D
Message-ID: <Pine.SUN.3.91-FP.1011216203750.4815N-1000000@osfn.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Someone pointed out that the SCR-540 power unit is a PE-119-A, and not
the mystery PE-109-D. My mistake. Ignore everything I just babbled,

unless you are a radar geek.

William Donzelli
aw299@osfn.org

Message-ID:
<07A064EA6042D4118A62009027F70E77181D30@nt_exchange.vifp.monash.edu.au>
From: Morris Odell <MorrisO@vifp.monash.edu.au>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: R-392
Date: Mon, 17 Dec 2001 14:29:58 +1100
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hi all,

I have found a R392 receiver down here which is in "reasonable" condition
(ie: it looks like it was used as a shot-put, but only once :-)

It's complete except...somewhere along the line someone has removed the
nameplate. This seems to be a common form of abuse, my R-390A suffered the
same disfigurement.

I would love a nameplate if anyone has a spare, failing that, a photocopy or
image of one would be a starting point for an attempt at making one.

Anyone able to help?

73, Morris VK3DOC

Date: Mon, 17 Dec 2001 07:04:54 -0700
Message-ID: <001c01c18703\$ce837d60\$0100a8c0@smeccxp>
From: "ed sharpe" <esharpe@uswest.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "Old Tube Radios" <boatanchors@theporch.com>, milsurplus@qth.net
Subject: Re: [MilSurplus] Re: ID PE-109-D
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

it is always good to have a 'quest' though! amazing what pieces eventually
fall into place!

ed

----- Original Message -----

From: "William Donzelli" <aw288@osfn.org>

To: "ed sharpe" <esharpe@uswest.net>

Cc: "Old Tube Radios" <boatanchors@theporch.com>; <milsurplus@qth.net>

Sent: Sunday, December 16, 2001 5:56 PM

Subject: Re: [MilSurplus] Re: ID PE-109-D

> > As we are looking for all types of these parts to at some point build
a

> > complete unit we would be very interested in purchasing this unit.
please

> > relay to your friend that found it at an estate sale we would love to
house

> > it!

>

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>

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> many were made (probably just a couple of hundred), and the components
> almost never showed up in the old surplus catalogs. In fact, the only
> pieces I have ever seen advertised were the antennae (AN- somethings).
> Compass (now history!) had a pair of BC-749-A receivers, one of which I
> have now, and the other is in another collection. Everything else is
> "waiting to be found".

>

> William Donzelli

> aw288@osfn.org

>

> ---

> Submissions milsurplus@qth.net

>

>

Date: Mon, 17 Dec 2001 07:07:38 -0700

Message-ID: <002201c18704\$2fe302b0\$0100a8c0@smeccxp>

From: "ed sharpe" <esharpe@uswest.net>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Stefan Bishay please contact us with your new email address.

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Stefan Bishay please contact us with your new email address.

the old one does no longer function

Ed Sharpe Archivist for SMECC

see the museum at:
<http://www.smecc.org>

Date: Mon, 17 Dec 2001 08:34:35 -0800
From: Dan <hankarn@pacbell.net>
Subject: REF: SP-600 Re-cap info
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <3C1E1E9B.A9F54BC9@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

I lost the step by step re-cap info on the SP-600 along with the list of caps. I have 6 that need major surgery.

TIA
Hank
KN6DI

Message-ID: <0c5401c1871a\$8c835040\$6401a8c0@ec.rr.com>
From: "Al Parker" <anchor@ec.rr.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: SP-600 Re-cap info
Date: Mon, 17 Dec 2001 11:47:43 -0500
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Hi Hank,

Lucky you to have 6. That'll keep you busy the rest of the Winter. Take a look at my website, I've got Ray Vasek's procedure there, which was published in ER abt a yr ago. He was gracious in letting me post it.

i've also got a bunch of unpublished, unedited notes that I've made in the last cupla yrs, if you'd like them, let me know. Someday I'll get to editing them & making them more useful, and on teh website.

73,

Al, W8UT

New Bern, NC

BoatAnchors appreciated here

anchor@ec.rr.com

<http://www.thecompendium.net/radio/>

And remember; "-They don't make tubes nowadays like they used to..."

----- Original Message -----

From: "Dan" <hankarn@pacbell.net>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Monday, December 17, 2001 11:34 AM
Subject: REF: SP-600 Re-cap info

> I lost the step by step re-cap info on the SP-600 along with the list of
> caps. I have 6 that need major surgery.
> TIA
> Hank
> KN6DI
>
>

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.306 / Virus Database: 166 - Release Date: 12/12/01

Date: Mon, 17 Dec 2001 09:05:22 -0800
From: Dan <hankarn@pacbell.net>
Subject: Re: [R-390] REF: SP-600 Re-cap info
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <3C1E25D2.6E74A2A5@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Al Parker steered me in right direction.
Thanks,
Hank
KN6DI

Message-Id: <5.1.0.14.0.20011217113703.03ac5780@vuse.vanderbilt.edu>
Date: Mon, 17 Dec 2001 11:42:59 -0600
To: Old Tube Radios <boatanchors@theporch.com>
From: "A. B. Bonds" <ab@vuse.vanderbilt.edu>
Subject: HRO-60 hot, but....
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Thanks to a great deal of advice and parts from the BA list, I now have my

Killer Resto HR060 on the air. This was dumpster-bound, but I said what the heck. Involved complete refinish of box and lots of new parts inside and out.

Unsurprisingly, it is a very hot radio. With the B coil set I am getting less than a microvolt sensitivity. This is at the high end of the band (where I was able to tweak the coilset caps). Unfortunately this falls off to about 3 uV at the low end of the band. The book says to tweak the inductances by moving wires in the coil compartments. However, these wires are (a) not at all accessible with the coils in the unit, and (b) not even easily accessible with the coils out of the unit. What gives? Any advice on how to go about this exercise, or should I leave well enough alone?

(Still could use some clean knobs if anyone has any....)

A. B. Bonds

End of BOATANCHORS Digest 3268

20011218.ba.v03_n2690100644000007200000310000007775707414301220013355 0ustar
modenaftp-admin20011218.ba v03_n269.bam.20011218

>From ???@??? Tue Dec 18 13:01:46 2001 -0600
Message-Id: <200112181901.fBIJ1d0V020464@sco.theporch.com>
Date: Tue, 18 Dec 2001 13:01:14 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3269

BOATANCHORS Digest 3269

Topics covered in this issue include:

- 1) ADMINISTRIVIA: Changing Email Addresses
by listown@nanniandjack.com (Mail List Owner)
- 2) Fw: [MilSurplus] Re: ID PE-109-D
by =?iso-8859-1?Q?Andr=E9_Guibert?= <aguibert@sympatico.ca>
- 3) CV-157 (long)
by Morris Odell <MorrisO@vifp.monash.edu.au>
- 4) Re: [Collins] SP-600 Re-cap info
by Dan <hankarn@pacbell.net>
- 5) RE: Extra Literature Items
by "R. W. Downs - BLB, AL" <RWDowns_WA5CAB@compuserve.com>
- 6) GR test equipment for Xtal engineering

- by Neal McEwen <nmcewen@metronet.com>
- 7) RE: SBE-2 Manual
by "R. W. Downs - BLB, AL" <RWDowns_WA5CAB@compuserve.com>
- 8) RE: R-392
by Morris Odell <Morris0@vifp.monash.edu.au>
- 9) 75A4 Filter Mod
by w5sum@glowbugs.com
- 10) BC-450 CONTROL BOX
by JACK M IVERSON <jackiv@juno.com>
- 11) Wanted: Schematic for Viking II CDC
by Robert Kemp <rkemp@mr.net>
- 12) Annual Hallicrafters FPM-200 Owners Update
by "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>
- 13) Re: 75A4 Filter Mod
by "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
- 14) Ray V's SP-600 drill
by "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
- 15) Seasons Greetings - Updated Downloadable ER Index Now Available
by "Don Buska" <d.buska@Advantest.com>
- 16) Re: Seasons Greetings - Updated Downloadable ER Index Now Available
by "ed sharpe" <esharpe@uswest.net>
- 17) Re: Ray V's SP-600 drill
by "Al Parker" <anchor@ec.rr.com>
- 18) Re: Ray V's SP-600 drill
by "Bill Coleman" <n2bc@stny.rr.com>

Message-Id: <200112171915.fBHJF04C010249@osr506.nanniandjack.com>
From: listtown@nanniandjack.com (Mail List Owner)
To: Old Tube Radios <boatanchors@theporch.com>
Subject: ADMINISTTRIVIA: Changing Email Addresses
Date: Mon, 17 Dec 2001 11:15:00 -0800 (PST)

Gang-

This periodic post is intended to help subscribers whose email address has changed, preventing posting or receipt of the list.

If you change ISP (InterNet Service Provider), simply send me an email advising the change, and I will do my best to implement the change quickly.

For those unfortunates, whose ISP has made a change without advising their customers of the potential impact of that change on subscribers to email lists like the boatanchors, where one must be a subscriber to post to the list, try to follow along...

Under some circumstances, the changes to your email address are

"transparent" to you, but prevent posting. I get error notification for these kinds of problems, and I try to work them out. However, I may miss one, and on this end, the process is anything BUT automatic.

You have a bigger stick than I do. You and your ISP have the primary responsibility to repair the problems caused by the change at the ISP. I have zero leverage with your ISP, and you have great leverage.

Most ISP maintain a customer service department to help with problems like these. This should be your first line of support for email problems. I am happy to assist and consult, but try to understand that when your ISP makes a change to their email handler, and that change prevents you from posting to the boatanchors list, I can help, but resolving this problem is your responsibility, working with your ISP. I am but a volunteer, contributing my time to administer the list.

Thank you for your attention.

--

73

Jack, W4KH/Mobile - - - BoatAnchor Mailing List Archiver/Owner - - -
listown@nanniandjack.com - "Plus ca change, plus c'est la meme chose"

"Il n'y a que les idiots qui ne changent jamais d'idee"

Mon Dec 17 11:15:00 PST 2001

Message-ID: <000401c18741\$9f0f7960\$15b0e2d1@b1yhp64>
From: =?iso-8859-1?Q?Andr=E9_Guibert?= <aguibert@sympatico.ca>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Fw: [MilSurplus] Re: ID PE-109-D
Date: Mon, 17 Dec 2001 16:26:29 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bonsoir to All

According to the Arrow Sales catalogue, the PE-109D is 115v, 400cycles.
Priced at 50\$ in bygone years
Andre

Message-ID:
<07A064EA6042D4118A62009027F70E77181D38@nt_exchange.vifp.monash.edu.au>
From: Morris Odell <MorrisO@vifp.monash.edu.au>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: CV-157 (long)
Date: Tue, 18 Dec 2001 08:46:52 +1100

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hi all,

As a result of a satisfying transaction recently a large heavy box arrived in my basement. Inside, nestling in pulverized polystyrene foam from its trip across the country, was just what every R-390A owner needs - a CV-157 SSB/ISB adaptor.

Now this is a ****serious**** boatanchor, 104 lbs, 44 tubes, radioactive meters, 250 watts of power consumption, it's the granddaddy of all R390A accessories. In fact the on/off switch is an industrial size magnetic circuit breaker and there's a satisfying ker-chunk from the power transformer when you pull it in, to say nothing of the ker-chunk from your heart the first time you do it!

Functionally, it's a "Q5er" on a LOT of steroids. Among other things, it was intended to receive signals with voice on one sideband and RTTY on the other, quite an exacting task. The input is the 455 KHz IF output from a receiver such as a R-390A. This is mixed down to 100 KHz and filtered to separate the sideband(s) and carrier (if present). There are two separate demodulators and audio chains for the sidebands as well as a monitor channel. The carrier is reconstituted and used for various purposes including a squelch and a particularly sexy motor driven AFC which is sure to induce love at first sight in any serious fan of complicated vacuum tube technology. For SSB there is an crystal carrier oscillator in an oven. AGC can be derived from the whole signal, carrier or either sideband and fed back to the receiver.

Mechanically it's built in similar style to the R-390A with the same paint, knobs and meters. The 14 inch high base unit mounts in a 19 inch rack and contains the heavy transformers, chokes, block capacitors and the large sealed crystal filters. The power supply electronics sits on top on a little sub-chassis. The "real innards" are on a drawer, a sort of "rack within a rack" that slides into a frame on top of the base unit and is connected to it by a bulky captive loom of coax and power leads. This makes servicing it a job for a contortionist especially if you have to get under the chassis. I found it was best done with the whole unit on the bench and the drawer out of its slides on its side - there is JUST enough slack to do this.

Considering it was nearly as old as me (the manual is dated 1955) it had weathered the years pretty well and the previous owners hadn't butchered it too much. The insulating cover over the power transformer terminals had disappeared but I found a piece of fibreglass that fitted nicely. The plug that connects the fan power when the cover is installed was gone. There were a few redundant screws missing here & there but the junk box contained

suitable replacements. The paint job was acceptable and cosmetically at least it looked a worthy mate for the R-390A.

The first step in getting it going was to replace the US style power connector with an IEC and to provide a proper earth connection. I also like to megger test the power connection to avoid any nasty surprises. The unit proper was fine but the fan was another story of which more below.

Well, you can spend just so much time drooling and inspecting but sooner or later you've got to take a deep breath and pull the switch! Before doing this I connected four 300 ohm load resistors to the two 600 ohm centre tapped audio outputs and got the HP 606B warmed up and stabilized. I flicked on the breaker and was rewarded with a lack of smoke, 42 glowing tubes and that lovely aroma of percolating boatanchor so dear to our hearts. 42 tubes? Didn't I say there were 44? Read on.. It was too much to expect it to work however and in fact it didn't, even with quite a lot of input. There was also a disconcerting lack of movement from the AFC motor.

The first checks should always be the power supply. I found the unregulated DC output was 60 volts too high and the regulated output was 60 volts too low. Not only that, but the plates of the 6080 regulator glowed bright red! The two missing 5R4GYs had been replaced with two 1000 volt diodes wired across the socket pins - rather risky considering that the transformer secondary is 1000 volts CT. Unfortunately replacing them with the proper tubes didn't cure the problem, and neither did replacing the 6080. Using the charts in the manual, resistance measurements led to an open resistor in the 6080 grid circuit, and replacing it restored the B+ to the proper values.

I started checking the various stages by injecting and tracing signals. Stage by stage the device gradually came to life as the numerous adjustments and tweaks restored proper alignment (rather quaintly spelt as "alinement" in the manual). The tuning slugs have male screwdriver tip studs and locknuts which require a special tool, long gone from its clips. After a few attempts I managed to fabricate a substitute which proved essential especially for the bottom slugs of the double tuned transformers.

Tuning some of the coils was rather tricky, especially in the carrier recovery circuit where the filter is extremely sharp (only a few Hz wide at 100 KHz). It's so sharp that I was initially misled into thinking it was stuffed. You need a really stable signal generator that can be accurately tuned within a KHz or less for the various measurements. The first two 100 KHz stages have an over-coupled bandpass characteristic which has a critical impact on the final audio frequency response. Aligning this according to the book is a tedious business requiring fiddling with damping resistors clipped across various inaccessible points. I found a sweeper helped a lot.

Eventually I was able to hear demodulated sidebands although there was lot of mains hum present. This was caused by heater-cathode leakage in the

cathode coupled mixers. Once found, it was easy to fix by swapping tubes with ones in the servo circuit which normally operate with the cathodes at chassis potential. Getting the AFC & squelch working properly was not easy - there was another fault involving an open circuit resistor buried under layers of wiring. The squelch is quite important though as it locks out the AFC in the absence of a signal, preventing spurious mis-tuning. The servo motor has 2 windings whose resistances can be measured from tube socket pins. This initially suggested one open circuited winding which was extremely distressing, but the fault here turned out to be a solder joint that had come undone (phew)!!! Once this was fixed I was delighted to see movement in the little front panel window over the shaft indicator disc.

A cooling fan is essential for the CV-157, especially after restoring the thermionic rectifiers - 20 watts in filament power alone as well as the plate dissipation. The fan has a 115 volt capacitor-run split phase motor connected across half of the power transformer primary. The connector had been clipped off and an exact replacement was impossible to find. I found a suitable substitute but before connecting it, I decided to check the motor. Just as well I did, as the megger showed a low resistance to frame. This was caused by a wire trapped under a bracket which had pierced the insulation - it would have made a dangerous fireworks display had it been energised as it was! Once connected, the motor ran smoothly enough although not as quietly as a modern Muffin.

When connected to the R390A it works very nicely. On AM it locks onto the received carrier beautifully and any drift can be seen quite readily as the AFC indicator rotates to follow the input frequency - very very impressive! Both sidebands sound virtually identical on a strong broadcast signal. SSB or CW is tuned in the conventional way with the AFC turned off and the internal carrier oscillator switched in.

The arrival of the CV-157 prompted a major re-organization here. It's now sitting in a rack with the R-390A and a Singer panadaptor- what a job! It took two of us to lift it in and my friend, who is a modern day RF engineer slowly shook his head in disbelief. It looks and sounds wonderful. In line with my Racal ISB adaptors, I intend rigging up an adaptor/switch box to allow speaker monitoring of the whole setup as well as AM ISB reception to each ear of stereo headphones.

Once the back and muscles recover, the next project will have to be a website to show some pictures of this amazing machine..

73 de Morris VK3DOC

Date: Mon, 17 Dec 2001 14:15:58 -0800
From: Dan <hankarn@pacbell.net>
Subject: Re: [Collins] SP-600 Re-cap info

Cc: collins@qth.net, Don Reaves <w5or@home.com>, Milsurplus@qth.net,
Old Tube Radios <boatanchors@theporch.com>, R-390 reflector <R-390@qth.net>
Message-id: <3C1E6E9E.62EA5ACB@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit
To: Old Tube Radios <boatanchors@theporch.com>

Guys try Al Parkers WEB site at <http://www.thecompendium.net/radio/>.
He has under SP-600 info Ray Vasek's re-cap info plus it is in an issue
of ER last year and also in HSN. I forgot all about them.
I am forwarding Tom Lairds info with this as a starter.
I do not feel there is any reason to bother Tom or Al as this will keep
you busy for a while just digesting the info. I have 8 of them and 6 of
them need the help, 1 of them has been sold. Have a guy on the way to
quote the re-cap and restoring for my customer.

Happy Holidays to all es 73
Hank
KN6DI

Date: Mon, 17 Dec 2001 20:46:32 -0500
From: "R. W. Downs - BLB, AL" <RWDowns_WA5CAB@compuserve.com>
Subject: RE: Extra Literature Items
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <200112172046_MC3-EB0A-A2D8@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Group,

I have this one in the collection, but for those of you who may not know,=

this is the Signal Corps manual on the National HRO series. Published
1946.

Message text written by Joe Watson
>Radio Receiver R-140/FSM-1 (TM11-885) Technical Manual 82
pages<

73
Robert W. Downs
<rwdowns_wa5cab@compuserve.com>
Houston, TX/Bayou LaBatre, AL

Message-ID: <3C1EA053.7A5376B8@metronet.com>
Date: Mon, 17 Dec 2001 19:48:03 -0600
From: Neal McEwen <nmcewen@metronet.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: mbuntain@netscape.net
Subject: GR test equipment for Xtal engineering
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Friends,

This fellow has three racks full of General Radio test equipment used in crystal engineering that he must dispose of. You pick up Tucson, AZ. He wants to find it a good home so he does not have to take it to a landfill. The price is right!

Reply to him, not me at mbuntain@netscape.net (Mark Buntain)

--

73 de K5RW, Neal McEwen, at "The Telegraph Office", nmcewen@metronet.com
A WWW Page for Telegraph Key Collectors and Historians
http://www.metronet.com/~nmcewen/tel_off.html

Date: Mon, 17 Dec 2001 22:39:11 -0500
From: "R. W. Downs - BLB, AL" <RWDowns_WA5CAB@compuserve.com>
Subject: RE: SBE-2 Manual
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <200112172239_MC3-EB0E-4F9D@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Groups,

Scan & cleanup of the maintenance manual for the TMC SBE-2, SBE-2A, AN/URA-23 is finally finished, so I can now do a reprint of it. I think that a couple of you were waiting (I hope patiently) for one.

73

Robert W. Downs
<rwdowns_wa5cab@compuserve.com>
Houston, TX/Bayou LaBatre, AL

Message-ID:

<07A064EA6042D4118A62009027F70E77181D43@nt_exchange.vifp.monash.edu.au>
From: Morris Odell <MorrisO@vifp.monash.edu.au>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: R-392
Date: Tue, 18 Dec 2001 18:11:27 +1100
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Hi all,

A note of thanks to all who replied about the R392 tag. I received many replies, some with attached .jpg files of the label. Within 15 minutes of posting the request someone had offered to post me a spare nameplate for free.

This is an amazing list and the resources and gentlemanly behaviour here are legendary.

Thanks guys, and happy holidays to you all.

73, Morris

>

From: w5sum@glowbugs.com
To: Old Tube Radios <boatanchors@theporch.com>
Date: Tue, 18 Dec 2001 06:03:13 -0600
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Subject: 75A4 Filter Mod
Message-ID: <3C1EDC21.15637.5C9C59@localhost>

howdy men
for the life of me I can't believe I don't have this information in all my stuff BUT

I need the mods to remove the voltage off the mechanical filters. A friend of mine wants to do this to his A4.

Can anyone help me with this?

thanks and Merry Christmas

Ronnie

To: Old Tube Radios <boatanchors@theporch.com>
Cc: marconifon@aol.com
Date: Mon, 17 Dec 2001 19:34:01 -0600
Subject: BC-450 CONTROL BOX
Message-ID: <20011217.194917.-271847.2.jackiv@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
From: JACK M IVERSON <jackiv@juno.com>

hi gang. I found this the other day and want to know what the value may be. not complete, needs knobs and one pot. Has two plugs still plugged in to two of the rx connectors. all 3 cranks there. Dials for 6-9.1, 190-550, and 3-6. only two of the "flag" type knobs left. Mounting plate there but screws gone.

73 Jack K0EWU jackiv@juno.com

Message-ID: <3C1E969B.2030004@mr.net>
Date: Mon, 17 Dec 2001 19:06:35 -0600
From: Robert Kemp <rkemp@mr.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Wanted: Schematic for Viking II CDC
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

I'm in need of the schematic for the Viking II cdc.
Bob.

Message-Id: <5.1.0.14.2.20011218075746.00ac3870@po.muohio.edu>
Date: Tue, 18 Dec 2001 08:04:28 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>
Subject: Annual Hallicrafters FPM-200 Owners Update
Cc: hallicrafters@qth.net
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Gang,
It's time for me to update my Hallicrafters FPM-200 transceiver owner's directory. This year, I've put the directory on a webpage at http://www.muohio.edu/~4cx250b/web/fpm200_list.htm

If you have an FPM-200, or know somebody who has one, I'd appreciate your

checking the list and notifying me if it's not current.

This past year, there are two changes to the list: Hans Zimmerman sold his radio to a ham in CA, and I don't know the buyer's identity. And there is a new addition to the list from an Italian ham, who has a mint condition FPM-200 that is for sale or trade.

With these changes, the number of known radios is up to 25, including a few that were assembled from surplus factory modules and have no serial numbers. This radio is the rarest and most expensive radio produced by Hallicrafters (\$2600 list price in 1959).

Thanks for your help.

73,

Jim Garland W8ZR

Date: Tue, 18 Dec 2001 08:11:50 -0500 (EST)
From: "Marty's Refl. Drop" <polepeeg@aaa4rm.ba-watch.org>
Message-Id: <200112181311.IAA07997@aaa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: 75A4 Filter Mod

Shunt feed. Refence Radio Armature's or Radio Handbook. Any ed'n.
Just arithmetic.

100mh in series w. prior IF amp plate w. 390 coupler to input transducer.

HOW?

Z of transducer for 6BA6 doing 10ma @ 200V is 20K
(ohms law - ref clifford ohm)

shunt feed oughta be 10x so 100mh @ 455kc is ~300K
($Z=2\pi FL$ - ref donnie tesla)

coupler shud be < .1 load & 390pf @ 455kc is ~1K
($Z=1/[2\pi FC]$ - ibid Z1)

I can't go beyond that - no implementation or mod notes & no reason
why to do it. My A4's been running fb un-mod'd for 44 years - save...

avc amp SM input coupler that became leaky in '80.

Think this one in Collins deep-science archive that reports is reason
S-meter can go bonkers

Ooops, on proof read looks like cynicism dial was over 20%.

Sri.

Marty

Date: Tue, 18 Dec 2001 08:42:31 -0500 (EST)
From: "Marty's Refl. Drop" <polepeeeg@aaa4rm.ba-watch.org>
Message-Id: <200112181342.IAA09918@aaa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com
Subject: Ray V's SP-600 drill

First big tnx Al Parker for your web-site

Next I say bull on all the blither changing out every BBOD which I guess is a insider's name for a Sprague Black Beauty cap from the 50s.

I've done several of these for friends & have proceded this way

Apply 300V B+ to set w. filaments off (simple external power supply thru 20K w-w)

If more than 10ma after an hour or so, there's a bad electrolytic or BBOD(?) somewhere. I've never found ANY. At his point check 6AQ5 output for trace B+ on grid & do it's BBOD.

Then apply same 300V to AVC line & check currrent & if more than 1 ma, go to work on AVC bypasses.

There's perhaps 6 in RF deck & my stunt is to clip out those BBODs & tag in .01 discs. < 1hr.

Ray V's mechanical instructions look excellent. But shotgunning the whole thing? Naaaaah. Maybe shotgunning super hi Z stuff - well OK.

Why make a hydro project outa a fawcet washer. That's my 2 cents

'rm

From: "Don Buska" <d.buska@Advantest.com>
To: Old Tube Radios <boatanchors@theporch.com>
Date: Tue, 18 Dec 2001 07:48:08 -0600 (CST)
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Subject: Seasons Greetings - Updated Downloadable ER Index Now Available
Message-Id: <01Dec18.055058pst.119079@gatekeeper.advantest.com>

I have a new updated version, through December 2001 (issue 1-151), of the downloadable Electric Radio (ER) magazine Index available at my site. It now contains reference to over 3100 articles. As always the on-line searchable ER Index continues to be updated monthly!

Three download file versions are available. See webpage for details on the different file types that are available.

As a side note, I do continue to update the on-line searchable Collins Article Index as well. This index now references 354 Collins related articles that have appeared in differing amateur radio publications from the 1940's to present. I'm always seeking additions and corrections to both indexes.

The site: <http://www.qsl.net/n9oo>

73 and Seasons Greetings

Don N900

```

*****
**
** Don Buska N900 (EN62bo) Mgr - Pupport Center
** 4805 64th Ave. Kenosha, WI 53144 Advantest America Inc.
** (262)654-0072 (847)821-3393
** d.buska@advantest.com fax (847)634-2872
**
** ----- Wants -----
** RCA | James Millen Equipment | CSVHFS
** AWA-LM | Transmitters by Thordarson, Stancor, | NTMS
** AMI | UTC and other transformer companies. | ARRL-LM
** QCWA | |
** JMS | |
**
** http://www.qsl.net/n9oo
** Home of the Electric Radio & Collins Magazine Index's
**
*****

```

Date: Tue, 18 Dec 2001 07:01:05 -0700
Message-ID: <004601c187cc\$71a19ea0\$0100a8c0@smeccxp>
From: "ed sharpe" <esharpe@uswest.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Seasons Greetings - Updated Downloadable ER Index Now Available
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

this is a great reference! Kudos' keep up the good work!
ed sharpe archivist for smecc

----- Original Message -----

From: "Don Buska" <d.buska@Advantest.com>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Tuesday, December 18, 2001 6:48 AM
Subject: Seasons Greetings - Updated Downloadable ER Index Now Available

>
> I have a new updated version, through December 2001 (issue 1-151), of the
downloadable
> Electric Radio (ER) magazine Index available at my site. It now contains
reference to
> over 3100 articles. As always the on-line searchable ER Index continues
to be
> updated monthly!
>
> Three download file versions are available. See webpage for details on
the different
> file types that are available.
>
> As a side note, I do continue to update the on-line searchable Collins
Article
> Index as well. This index now references 354 Collins related articles
that
> have appeared in differing amateur radio publications from the 1940's to
present.
> I'm always seeking additions and corrections to both indexes.
>
> The site: <http://www.qsl.net/n9oo>
>
> 73 and Seasons Greetings
>
> Don N900
>

```

>
>
>
> *****
> **
> ** Don Buska N900 (EN62bo) Mgr - Pupport Center **
> ** 4805 64th Ave. Kenosha, WI 53144 Advantest America Inc. **
> ** (262)654-0072 (847)821-3393 **
> ** d.buska@advantest.com fax (847)634-2872 **
> **
> ** ----- Wants ----- **
> ** RCA | James Millen Equipment | CSVHFS **
> ** AWA-LM | Transmitters by Thordarson, Stancor, | NTMS **
> ** AMI | UTC and other transformer companies. | ARRL-LM **
> ** QCWA | | **
> ** JMS | | **
> **
> ** http://www.qsl.net/n9oo **
> ** Home of the Electric Radio & Collins Magazine Index's **
> **
> *****
>
>
>
>

```

```

-----
Message-ID: <0db101c187f3$9919eba0$6401a8c0@ec.rr.com>
From: "Al Parker" <anchor@ec.rr.com>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "BAlist-porch" <boatanchors@theporch.com>
Subject: Re: Ray V's SP-600 drill
Date: Tue, 18 Dec 2001 13:41:25 -0500
MIME-Version: 1.0
Content-Type: text/plain;
    charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

```

Hi Marty,

Tnx for your comment on the website. But most of us who've owned SP-600's for any time will disagree with your non-shotgun approach. For many other situations we'd agree, but from experience, a BBOD (black beauty of death) will go bad soon under use, if it hasn't already. I've refurbished 4 of them in the past cupla yrs, & now hv 2 more to do. Often they do operate when recd, but I've found that if you keep using them, the BBOD's will fail one by one, without much time between. Bear in mind, there are roughly 50 of these in each rcvr. I spent more time chasing them down & fixing than I did listening, on the one I tried that way. I think those

who have done the "shotgun" approach to an SP-600 have found that at least half of the removed BBOD's (or GL0D's, gray lady of deception) have been split and/or are leaky when tested.

Many of them are in high impedance ckts, and your B+ test will not necessarily let you know. Hammarlund may have realized early that they were a problem, as they used disc ceramics in some radios, and even stated in one of the the manuals that they should be used for replacement of the plastics, along with switching to .01's completely, instead of a mix of .01 & .022's. I don't know why they didn't stay with the disc ceramics totally after that, maybe they had run out of paper/plastics & had to shift to more expensive disc ceramics for a while. Another note, the -JX-17 manual lists supplier of the paper/plastics as Aerovox, not Sprague. Haven't ckd other manuals.

73,

Al, W8UT

New Bern, NC

BoatAnchors appreciated here

anchor@ec.rr.com

<http://www.thecompendium.net/radio/>

And remember; "-They don't make tubes nowadays like they used to..."

----- Original Message -----

From: "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>

> First big tnx Al Parker for your web-site

>

> Next I say bull on all the blither changing out every BBOD which

> I guess is a insider's name for a Sprague Black Beauty cap from the

> 50s.

Outgoing mail is certified Virus Free.

Checked by AVG anti-virus system (<http://www.grisoft.com>).

Version: 6.0.306 / Virus Database: 166 - Release Date: 12/13/01

Message-ID: <007f01c187f5\$35274d70\$0100a8c0@SERVER>

From: "Bill Coleman" <n2bc@stny.rr.com>

To: Old Tube Radios <boatanchors@theporch.com>

Cc: <boatanchors@theporch.com>

Subject: Re: Ray V's SP-600 drill

Date: Tue, 18 Dec 2001 13:52:55 -0500

MIME-Version: 1.0

Content-Type: text/plain;

charset="Windows-1252"

Content-Transfer-Encoding: 7bit

Hmmm. There's an easier way to diagnose the Black Beauties in an SP-600. A quick peek to see how many screen dropping resistors have been vaporized! In the SP-600 I did, most of the black beauties had split in half and most of the screen dropping resistors were gone. It was a very easy decision to replace each and every Black Beauty.

Before any power is applied, I scan the schematic of any radio that has these nasty things looking for potential secondary damage. Resistors are easy to find-n-fix, an IF tranny that has been out of stock for 50 years is not so easy.

Based on the experience I had with the SP-600 (and BTW it may well be a SP-600 only phenom!) - I go for the pre-emptive strike.

Besides, Orange Drops are much more festive than those black beasies!

73 & Happy Holidays Bill N2BC

~~~~~

Bill Coleman N2BC

<http://home.stny.rr.com/n2bc>

----- Original Message -----

From: "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>

To: "Old Tube Radios" <boatanchors@theporch.com>

Cc: <boatanchors@theporch.com>

Sent: Tuesday, December 18, 2001 8:42 AM

Subject: Ray V's SP-600 drill

> First big tnx Al Parker for your web-site  
>  
> Next I say bull on all the blither changing out every BBOD which  
> I guess is a insider's name for a Sprague Black Beauty cap from the  
> 50s.  
>  
> I've done several of these for friends & have proceded this way  
>  
> Apply 300V B+ to set w. filaments off (simple external power supply thru  
> 20K w-w)  
>  
> If more than 10ma after an hour or so, there's a bad electrolytic or  
> BBOD(?) somewhere. I've never found ANY. At his point check  
> 6AQ5 output for trace B+ on grid & do it's BBOD.  
>  
> Then apply same 300V to AVC line & check currrent & if more than 1 ma, go  
> to work on AVC bypasses.  
>



> There's perhaps 6 in RF deck & my stunt is to clip out those BBODs & tag  
> in .01 discs. < 1hr.  
>  
> Ray V's mechanical instructions look excellent. But shotgunning the  
> whole thing? Naaaah. Maybe shotgunning super hi Z stuff - well OK.  
>  
> Why make a hydro project outa a fawcet washer. That's my 2 cents  
>  
> 'rm  
>  
>

-----  
End of BOATANCHORS Digest 3269

\*\*\*\*\*

20011219.ba.v03\_n270010064400000720000003100000006421407414301220013326 0ustar  
modenaftp-admin20011219.ba v03\_n270.bam.20011219

>From ???@??? Wed Dec 19 19:42:12 2001 -0600  
Message-Id: <200112200142.fBK1g5pi026752@sco.theporch.com>  
Date: Wed, 19 Dec 2001 19:41:48 CST  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 3270

BOATANCHORS Digest 3270

Topics covered in this issue include:

- 1) RE: Ray V's SP-600 drill  
by Morris Odell <Morris0@vifp.monash.edu.au>
- 2) Re: BC-450 CONTROL BOX  
by David Stinson <arc5@ix.netcom.com>
- 3) BAMA viewer  
by Daniel Wright <dw73454@navix.net>
- 4) RE: BAMA viewer  
by "Larry Menzel" <retire@rconnect.com>
- 5) PTO Problem???
- by Mike Sullivan <vze344qr@verizon.net>
- 6) [Fwd: Ray V's SP-600 drill]  
by Scott Robinson <spr@earthlink.net>
- 7) 9100kc crystal needed for KWM-1  
by Robert Kemp <rkemp@mr.net>
- 8) K6KPH OTA For SKN  
by "Dick Dillman" <ddillman@igc.org>

- 9) info. on RCA Victor Model 8-X-5E  
by Jerry Coker <jcoker@arches.uga.edu>
- 10) Re: info. on RCA Victor Model 8-X-5E  
by "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
- 11) Re: R-392  
by "russ dworakowski" <wb3fau@hotmail.com>
- 12) Bud Cabinet - Rear Door  
by W4UOC@aol.com
- 13) Hallicrafters SX117/HT-44 F/S  
by Robert Kemp <rkemp@mr.net>
- 14) Re: 50mhz Clegg Venus question  
by john <johnmb@nc.rr.com>
- 15) Drake 2-B Question  
by steve berg <z931086@corn.cso.niu.edu>
- 16) Marine sets FS  
by BEN NOCK <G4BXD@compuserve.com>
- 17) Interesting panel meter discovery  
by "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>
- 18) Looking for!!!  
by "Sandy W5TVW" <ebjr@i-55.com>

-----  
Message-ID:  
<07A064EA6042D4118A62009027F70E77181D44@nt\_exchange.vifp.monash.edu.au>  
From: Morris Odell <MorrisO@vifp.monash.edu.au>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: Ray V's SP-600 drill  
Date: Wed, 19 Dec 2001 08:35:01 +1100  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Anchorites.,

I've followed this debate with interest. Unfortunately I don't have a SP-600 but I do have a Racal RA-17 where the same situation exists with the notorious Hunts metal canned paper caps. These leak both electrically and chemically.

My policy? REPLACE ALL THE BASTARDS!!! The reason? well you have a beautiful valuable heavy radio full of irreplaceable parts. There's always the worry that something vital could be damaged by a faulty cap eg: the notorious R390A mechanical filter problem. Every time it falters you have to lug it onto the bench and poke around in there, pleasurable though it may be, it's still hard work. Better to do it all at once, and while you're there you can replace any damaged resistors, wiring and whatever else. You also learn a lot about the radio although the novelty might wear thin after 6 SP-600s....

Psychologically, I don't feel happy leaving them in there - it always makes me feel the restoration is incomplete.

Dancing on the grave of the buggers is optional :-)

73, Morris

-----  
Message-ID: <3C1FBBBE.D1CD46F0@ix.netcom.com>  
Date: Tue, 18 Dec 2001 15:57:18 -0600  
From: David Stinson <arc5@ix.netcom.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: BC-450 CONTROL BOX  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Jack wrote:

> I found this the other day and want to know what the value  
> may be. not complete,...

If you attempt to sell it here directly or at a hamfest,  
\$20 at most (and they'll ask you to pay shipping).  
Odds are better then 70% you'll get no takers at all.

If you sell it on Ebay, you will get \$30-\$40 if you don't  
advertise it and as much as \$70 if you do.  
About \$30 each for the two plugs if you sell them seperately.

73 Dave S.

-----  
Message-Id: <3.0.6.16.20011218161948.19ef6ce4@mail.navix.net>  
Date: Tue, 18 Dec 2001 16:19:48 -0600  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Daniel Wright <dw73454@navix.net>  
Subject: BAMA viewer  
Cc: boatanchors@theporch.com  
Mime-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Greetings!

Some while back someone posted a website where one could  
obtain a freeware or shareware JPG/GIF, etc. viewer for  
use on the BAMA files. I lost the post. Could someone

please advise as to the site for the program?

Thanks a bunch es

73 de Dan --WA=D8JRD ..  
Lincoln, Nebraska

-----  
From: "Larry Menzel" <retire@rconnect.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RE: BAMA viewer  
Date: Tue, 18 Dec 2001 16:44:55 -0600  
Message-ID: <MABBLIFCMOLMMFOBKPIFKEDBCHAA.retire@rconnect.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 8bit

<http://bama.sbc.edu/viewers.htm>

That oughta do it for you, Dan.

Larry, N0XB

-----Original Message-----  
From: owner-boatanchors@theporch.com  
[mailto:owner-boatanchors@theporch.com]On Behalf Of Daniel Wright  
Sent: Tuesday, December 18, 2001 4:20 PM  
To: Old Tube Radios  
Cc: boatanchors@theporch.com  
Subject: BAMA viewer

Greetings!

Some while back someone posted a website where one could obtain a freeware or shareware JPG/GIF, etc. viewer for use on the BAMA files. I lost the post. Could someone please advise as to the site for the program?

Thanks a bunch es

73 de Dan --WAÿJRD ..  
Lincoln, Nebraska

-----  
Message-ID: <3C1FE339.782DB643@verizon.net>  
Date: Tue, 18 Dec 2001 19:45:46 -0500

From: Mike Sullivan <vze344qr@verizon.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: kc2kj@mac.com  
Subject: PTO Problem???  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I have spent some time setting the endpoint of my Motorola PTO and have succeeded. The only problem, is that the pto was jittery and occasionally moved about 10 kc or so, when I moved endpoint adjustment I could recover. The pto seems fine now. Any ideas as to cause of frequency jumping??

I have it set with less than 1500 Hz end to end. Less than 100 Hz after calibration at nearest 100 KHz point.

Thanks,

Mike  
kc2kj

-----  
Message-ID: <3C1FE88A.3F5C0ABD@earthlink.net>  
Date: Tue, 18 Dec 2001 17:08:26 -0800  
From: Scott Robinson <spr@earthlink.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: [Fwd: Ray V's SP-600 drill]  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Scott Robinson wrote:

>  
> Folks,  
>  
> I don;t know the insides of an SP-600, but i will point out that a metal  
> enclosed, chasssis mounted capacitor has a new opportunity for  
> leakage--terminal(s) to chassis!  
>  
> Beware...  
>  
> /scott  
>  
> Morris Odell wrote:  
> >  
> > Anchorites.,

> >  
> > I've followed this debate with interest. Unfortunately I don't have a SP-600  
> > but I do have a Racal RA-17 where the same situation exists with the  
> > notorious Hunts metal canned paper caps. These leak both electrically and  
> > chemically.  
> >  
> > My policy? REPLACE ALL THE BASTARDS!!! The reason? well you have a beautiful  
> > valuable heavy radio full of irreplaceable parts. There's always the worry  
> > that something vital could be damaged by a faulty cap eg: the notorious  
> > R390A mechanical filter problem. Every time it falters you have to lug it  
> > onto the bench and poke around in there, pleasurable though it may be, it's  
> > still hard work. Better to do it all at once, and while you're there you can  
> > replace any damaged resistors, wiring and whatever else. You also learn a  
> > lot about the radio although the novelty might wear thin after 6 SP-600s....  
> >  
> > Psychologically, I don't feel happy leaving them in there - it always makes  
> > me feel the restoration is incomplete.  
> >  
> > Dancing on the grave of the buggers is optional :-)  
> >  
> > 73, Morris  
> >  
>  
> --  
> Scott Robinson  
> spr@earthlink.net  
>  
> Junque is GOOD for you!

--

Scott Robinson  
spr@earthlink.net

Junque is GOOD for you!

-----  
Message-ID: <3C1FF325.3060908@mr.net>  
Date: Tue, 18 Dec 2001 19:53:41 -0600  
From: Robert Kemp <rkemp@mr.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: 9100kc crystal needed for KWM-1  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

Anyone have a 9.1mhz or 9100kc crystal for my KWM-1. Sould of course  
be in the HC-6u (I think this is the right nomenclature) crystal holder.  
Thanks.

Bob.

-----  
From: "Dick Dillman" <ddillman@igc.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
Date: Tue, 18 Dec 2001 18:25:18 -0800  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Subject: K6KPH OTA For SKN  
Message-ID: <3C1F8A0E.10811.67E98F@localhost>

K6KPH, operating from the transmitting and receiving sites of ex-RCA coast station KPH, will be on the air for Straight Key Night. The transmitters, receivers and antennas of KPH will be used.

Straight Key Night SKN) is an annual event sponsored by the ARRL and is intended to promote the use of Morse and non-automatic straight keys.

SKN 2002 begins at 7 PM EST December 31 and runs for 24 hours through 7 PM EST January 1 (0000-2400 UTC January 1, 2002). K6KPH will be on the air beginning at 0000 UTC. Operations will continue into the evening Pacific time.

Our frequencies of operation will be 3545, 7050 and 14050kc. 1950s vintage RCA transmitters will be used.

KPH may also be on the air on medium frequency. Look for KPH on 500 and 426kc.

Vy 73,

Dick/"RD"

Dick Dillman, W6AWO  
Member of the Maritime Radio Historical Society  
<http://www.radiomarine.org>  
Collector of Heavy Metal:  
Harleys, Willys and Radios over 100lbs.

-----  
Date: Tue, 18 Dec 2001 22:03:48 -0500 (EST)  
From: Jerry Coker <jcoker@arches.uga.edu>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: info. on RCA Victor Model 8-X-5E

Message-ID: <Pine.A41.4.10.10112182139450.121324-1000000@archa15.cc.uga.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I am trying to find any info. on the above radio. I am new to restoration of tube radios, and new to the list. I have repaired/modded my tube guitar amps, though. I've tried searching the web and have a 'radio price guide', but haven't been able to find any info. yet on this particular model. I don't know yet the exact year of this model, but it is post-war, I believe. I'm not certain it would be in any of the Rider Manuals. I just want to get off to a good start on my first radio restoration project :) If anyone could point me to a good resource for detailed info. on RCA models, it would be much appreciated. Thanks.

\*\*\*\*\*  
Jerry Coker  
Computer Network Support  
Career Services Center  
University of Georgia

-----  
Date: Wed, 19 Dec 2001 07:02:50 -0500 (EST)  
From: "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>  
Message-Id: <200112191202.HAA29367@aa4rm.ba-watch.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: info. on RCA Victor Model 8-X-5E

Jerry

Well from one state campus rival to another (bulldog vs yellow jacket), the answer is on pg. 41 of the Book of Kells... U Ga personell must never touch solder.

But on another level, i.e. from one hobbyist to another, everything you need is in Sams folder 368. I may have it as I did 364 which is still open on the table to a Stromberg SR406.

I'll report on Sams 368 later

You can very probably still find it at the downtown (Atlanta) public library in the file cabinets @ top of stairs on Floor 2.

Marty - Ga Tech alum

-----



From: "russ dworakowski" <wb3fau@hotmail.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: R-392  
Date: Wed, 19 Dec 2001 11:27:00 -0500  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed  
Message-ID: <LAW2-F701V11V061w4R000095f1@hotmail.com>

Morris, check out Electric Radio Mag. someone in there is selling replicas of those nameplates. The military was supposed to remove all those nameplates as decommissioning.

>From: Morris Odell <Morris0@vifp.monash.edu.au>  
>Reply-To: Morris0@vifp.monash.edu.au  
>To: Old Tube Radios <boatanchors@theporch.com>  
>Subject: R-392  
>Date: Mon, 17 Dec 2001 14:29:58 +1100  
>  
>Hi all,  
>  
>I have found a R392 receiver down here which is in "reasonable" condition  
>(ie: it looks like it was used as a shot-put, but only once :-)  
>  
>It's complete except...somewhere along the line someone has removed the  
>nameplate. This seems to be a common form of abuse, my R-390A suffered the  
>same disfigurement.  
>  
>I would love a nameplate if anyone has a spare, failing that, a photocopy  
>or  
>image of one would be a starting point for an attempt at making one.  
>  
>Anyone able to help?  
>  
>73, Morrisi VK3DOC  
>

-----  
Send and receive Hotmail on your mobile device: <http://mobile.msn.com>

-----  
From: W4UOC@aol.com  
Message-ID: <d4.10d9c87d.29521fee@aol.com>  
Date: Wed, 19 Dec 2001 11:53:02 EST  
Subject: Bud Cabinet - Rear Door  
To: Old Tube Radios <boatanchors@theporch.com>  
MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

I have been getting a Globe Champion 160 back on the air and I'm looking for the rear door for the Bud cabinet that is about 19" tall. The door, I would estimate, would be 17"x 20" with two pins to engage the cabinet hinges.

Does anyone have one laying around unused or know of a source for such?

With grandchildren around at time and 1,300vdc on the modulator to RF deck leads I would like to button it up, just in case!

Tom Koch - W4UOC  
8170 Habersham Waters Road  
Dunwoody, GA 30350  
<A HREF="http://members.aol.com/w4uoc/index.html">W4UOC's Home Page</A>

-----  
Message-ID: <3C20DD9C.4803EB96@mr.net>  
Date: Wed, 19 Dec 2001 12:34:04 -0600  
From: Robert Kemp <rkemp@mr.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Hallicrafters SX117/HT-44 F/S  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Going to part with my Hallicrafters set up.  
Complete with original manuals, has relay added to the HT-44,  
interconnecting cables. This is a plug in and play set up. Transmitter  
has 100 watts out.  
Great receive audio. Unit runs AM and the SSB is great (Phasing method  
of ssb generation so audio is smooth!) \$550.00 plus shipping. I'll have  
pictures later today if anyone's interested.  
Bob

-----  
Message-Id: <3.0.3.32.20011219154544.018e4110@pop-server.nc.rr.com>  
Date: Wed, 19 Dec 2001 15:45:44 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: john <johnmb@nc.rr.com>  
Subject: Re: 50mhz Clegg Venus question  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I've continued to wring out the Venus over the last couple weeks,  
and continue to be frustrated by the results. Any help appreciated.

To refresh your memory....

With mic installed, PTT enabled, there's absolutely no carrier null.

I've checked tube voltages of the 7360, and all are nominal. resistors are very close, the null pot's working...it just seems like it's "key down" all the time. I also checked the voltages of the tube driving the 7360 (12DW6) and all OK there.

Here's an odd part about this... there's no key jack (or wiring ) installed. There's a very small (3/16 or so) hole that a phono (rca) jack might have fit into, labeled "key" on the back panel, but I can tell that there's never been anything screwed into that hole. There's also absolutely no wiring to meet it there either. This is most odd. Mine's a later (I think) unit than the one the schematic seems to indicate, as it shows a terminal strip interconnect, whereas mine is a 12 pin Jones type. There is NO other jack for a key that I can find anywhere.

Turning on the "CW" switch (which appears to be in parallel with the key) results in EXACTLY the same readings as enabling PTT...namely full output.

I've also checked that the bias is not the problem (I cant SET the bias as the cathode current always reads about 100mA when I've dipped the final) but moving it from one extreme to the other has no impact on the reading. I've also swapped a 7360 out of one of my Interceptors, with no change.

I REALLY want to use this rig (it hears well) ...any more hints? ANY help appreciated.

73  
John

At 12:52 PM 11/26/01 -0500, manualman@juno.com wrote:

>50mhz reflector

>

>Try this. Check the 7360 balanced modulator and the voltages on the tube  
>socket. Check the resistances of R87 and R88. Should be 120K and be  
>within +/- 5% of each other. Also check R82, 22K and R83, 18K. These  
>resistors are on both sides of the balance pot. Check also C87 and also  
>the bypass caps on the 7360. You may have one shorted. This balanced  
>modulator circuit, which was common in the early/mid 60's, is a real bear  
>to balance when components age beyond tolerable limits and when the 7360  
>weakens. The 7360 required components with much tighter tolerances. One  
>of the main reasons National stopped using them in their transceivers.

```
>Pete, WA2CWA  
>  
>On Mon, 26 Nov 2001 08:11:25 -0800 Steve Katz <stevek@jmr.com> writes:  
>> 50mhz reflector  
>>  
>> Sounds like a malfunction in the balanced modulator circuit. You  
>> might  
>> check the balanced modulator tube and its operating voltages, per  
>> the  
>> schematic in the Venus manual.  
>>  
>> 73 de Steve WB2WIK/6  
>>  
>> "Each success only buys an admission ticket to a more difficult  
>> problem." --  
>> Henry Kissinger  
>>  
>> > -----Original Message-----  
>> > From: brewerj@squared.com [SMTP:brewerj@squared.com]  
>> > Sent: Monday, November 26, 2001 8:11 AM  
>> > To: Steve Katz  
>> > Cc: 50mhz@topica.com; 'johnmb@nc.rr.com'  
>> > Subject: RE: 50mhz Clegg Venus question  
>> >  
>> >  
>> > Right you are Steve....I forgot to mention that it has absolutely  
>> no  
>> > effect on nulling out  
>> > the carrier!  
>> >  
>> > I also checked the bias control and was able to determine that  
>> it's not  
>> > full up (it's now full  
>> > down!) If I can ever get the carrier to null, I'll reset the  
>> bias.  
>> >  
>> > Any hints? This is a beautiful radio, and I'm soooo close!  
>> > John  
>> >  
>> >  
>> >  
>> >  
>> >  
>> >  
>> >  
>> >  
  
Steve Katz  
  
<stevek@jmr.c To:
```

>> "'johnmb@nc.rr.com'"  
>> > <johnmb@nc.rr.com>, 50mhz@topica.com  
>> > om> cc:  
>> >  
>> > Subject: RE: 50mhz  
>> Clegg  
>> > Venus question  
>> > 11/26/2001  
>> >  
>> > 10:52 AM  
>> >  
>> > Please  
>> >  
>> > respond to  
>> >  
>> > stevek  
>> >  
>> >  
>> >  
>> >  
>> >  
>> >  
>> >  
>> >  
>> >  
>> >  
>> >  
>> > 50mhz reflector  
>> >  
>> > John, where's the BALANCE control adjusted? That's what nulls  
>> the  
>> > carrier,  
>> > and you didn't discuss it...  
>> >  
>> > WB2WIK/6  
>> >  
>> > "Each success only buys an admission ticket to a more difficult  
>> problem."  
>> > --  
>> > Henry Kissinger  
>> >  
>> > > -----Original Message-----  
>> > > From: john [SMTP:johnmb@nc.rr.com]  
>> > > Sent: Sunday, November 25, 2001 4:10 PM  
>> > > To: 50mhz@topica.com  
>> > > Subject: 50mhz Clegg Venus question  
>> > >  
>> > > 50mhz reflector  
>> > >  
>> > > I've revived a Clegg Venus and it seems to hear fine, but

```

>> there's
>> > something amok with transmit (or the operator!).
>> >
>> > Enabling PTT keys the transmitter, but there's no carrier
>> null...just a
>> > steady indication of cathode current. I can tune this as normal
>> (which
>> > is
>> > good) but there's no carrier null...it's as though I've inserted
>> full
>> > carrier (which I havent...knowingly at least!).
>> >
>> > Carrier level is at the 0 (off ) positon
>> > Speech gain is min (but not in the CW position).
>> >
>> > Any help appreciated.
>> >
>> > Thanks!
>> > John wb5oau
>> >
>> > -----
>> > Visit the Six Club web page at: http://6mt.com/club.htm
>> > -----
>> > 3 Ring Halo Antenna http://6mt.com/halo.htm
>> > -----
>> > Submissions: 50mhz@topica.com
>> > -
>> > to unsubscribe send a blank mail to:
>> > 50mhz-unsubscribe@topica.com
>> >
>> >
>> > -----
>> > Visit the Six Club web page at: http://6mt.com/club.htm
>> > -----
>> > 3 Ring Halo Antenna http://6mt.com/halo.htm
>> > -----
>> > Submissions: 50mhz@topica.com
>> > -
>> > to unsubscribe send a blank mail to:
>> > 50mhz-unsubscribe@topica.com
>> >
>> >
>> >
>> >
>> >
>> -----
>> Visit the Six Club web page at: http://6mt.com/club.htm
>> -----

```

```

>> 3 Ring Halo Antenna   http://6mt.com/halo.htm
>> -----
>> Submissions: 50mhz@topica.com
>> -
>> to unsubscribe send a blank mail to:
>> 50mhz-unsubscribe@topica.com
>>
>>
>>
> _____
>GET INTERNET ACCESS FROM JUNO!
>Juno offers FREE or PREMIUM Internet access for less!
>Join Juno today! For your FREE software, visit:
>http://dl.www.juno.com/get/web/.
>
>-----
>Visit the Six Club web page at:  http://6mt.com/club.htm
>-----
>3 Ring Halo Antenna   http://6mt.com/halo.htm
>-----
>Submissions: 50mhz@topica.com
>-
>to unsubscribe send a blank mail to:
>50mhz-unsubscribe@topica.com
>
>==^=====
>This email was sent to: johnmb@nc.rr.com
>
>EASY UNSUBSCRIBE click here: http://topica.com/u/?bUrE8B.bVWt5h
>Or send an email to: 50mhz-unsubscribe@topica.com
>
>T O P I C A -- Register now to manage your mail!
>http://www.topica.com/partner/tag02/register
>==^=====
>
>

```

```

-----
Message-ID: <3C21176B.42566F86@corn.cso.niu.edu>
Date: Wed, 19 Dec 2001 16:40:43 -0600
From: steve berg <z931086@corn.cso.niu.edu>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Drake 2-B Question
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

```

I have been fixing up my recently acquired Drake 2-B receiver. I

managed to fix the malfunctioning muting feature by finally replacing the 6BA6 IF amplifier tube. Now, I would like to check out the S-meter circuit. I downloaded the manual for this and it tells me to adjust the S-meter with a procedure that mentions a "R-48" which is on the back panel. My receiver has 2 potentiometers on the back, one marked "S Meter Cal" and the other "rcvr sens". Which of these is R-48? Does anyone have any pointers on these adjustments?

Steve WA9JML

-----  
Date: Wed, 19 Dec 2001 17:39:02 -0500  
From: BEN NOCK <G4BXD@compuserve.com>  
Subject: Marine sets FS  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-ID: <200112191739\_MC3-EB60-2353@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain;  
charset=ISO-8859-1  
Content-Disposition: inline

Marine sets:

Sailor R-105 hf receiver, LW to 4.2Mhz, 4 bands tunable, plus 23 Crystal spot frequencies, 12v operation, L/S, AM/SSB, S meter..... 45.00 Pound

Sailor RT-142 VHF (156Mhz) transceiver, 16 channel, 20W, 12v, (ideal for conversion to 2 Mtrs)..... 35.00 Pound

Sailor 86D transmitter, 1.6 to 4.6 Mhz, 70W AM, 24v, xtal controlled = (several fitted in 80 Mtrs), ..... 50.00 Pound

Ajax rx/tx, rx 3 band, lw to 4.5 Mhz AM/CW, tx xtal, o/p pair TT22 (not fitted), clean condx, rx needs 1 slight attention, tx untested, sold for restoration or spares..... 10.00 Pound =

all plus carriage etc. =

Ben =

G4BXD@qsl.net

-----



Message-Id: <5.1.0.14.2.20011219195841.00aedd8@po.muohio.edu>  
Date: Wed, 19 Dec 2001 20:18:06 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>  
Subject: Interesting panel meter discovery  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Gang,

I came across a Simpson "Wideview" panel meter that I'd never seen before, and I wonder if anybody knows anything about it? The meter has a Maytag logo on the dial, which has a linear scale labeled "Watts." At first I assumed the movement was probably a mA meter, but then I noticed four terminals on the back, two labeled current and two labeled voltage.

I've now tried it out on my test bench, and discovered that it really does read watts. I hooked the current terminals in series with a load, and ran clipleads from across the load to the voltage terminals, and it actually measures the power dissipated in the load. The reading is independent of the current polarity and works on AC or DC. I found that 1Amp at 75 volts reads 75 watts, as does 3 Amps at 25 Volts, etc. 75 Watts appears to be full scale. The meter seems very accurate (within a few percent ). Somehow it multiplies the current by the voltage, and displays the product on a linear scale. I have no idea how it works.

By any chance, does anybody know the ratings of this meter? Obviously, there must be current and voltage limitations on the movement. (Although 750 Amps at 0.1V would give 75 Watts, I'm pretty confident the meter couldn't handle it! Ditto 7,500V at .01A) I thought I was pretty knowledgeable about such things, but I've never heard of this kind of meter before. Now I've got to figure out what to use it for; it's too ingenious for me to let it languish in my junk box.

73,

Jim Garland W8ZR

-----  
Message-ID: <000901c188f7\$937802e0\$a49ccdd1@ebjr>  
From: "Sandy W5TVW" <ebjr@i-55.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Looking for!!!  
Date: Wed, 19 Dec 2001 19:41:40 -0600  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello All,

Looking for the following:

2-3 each 10 pin miniature tube sockets. These look just like a Noval 9-pin but there are 10 pins instead in the same circle. They are also referred to as "Decal" sockets.

4-6 each of the MAGNOVAL 9 pins sockets. These used with the large PL509 sweep tubes. Same pin circle and spacing as the NOVAR 9-pin tubes but the pins are larger in diameter. About the diameter of the standard pins  
on an HC-6/U crystal holder.

Any out there anyplace?

73,

Sandy W5TVW

-----  
End of BOATANCHORS Digest 3270

\*\*\*\*\*

20011221.ba.v03\_n2710100644000007200000310000010011607414301220013310 0ustar  
modenaftp-admin20011221.ba v03\_n271.bam.20011221

>From ???@??? Fri Dec 21 13:16:21 2001 -0600  
Message-Id: <200112211916.fBLJGEpi018201@sco.theporch.com>  
Date: Fri, 21 Dec 2001 13:15:35 CST  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 3271

BOATANCHORS Digest 3271

Topics covered in this issue include:

- 1) RE: Interesting panel meter discovery  
by "Hubbard, Al" <ahubbard@archway.com>
- 2) Re: [Collins] SP-600 Re-cap info  
by "Dan" <hankarn@pacbell.net>
- 3) Fw: Ray V's SP-600 drill  
by Arden Allen <gumbear@pacbell.net>
- 4) Fw: Interesting panel meter discovery  
by =?iso-8859-1?Q?Andr=E9\_Guibert?= <aguibert@sympatico.ca>
- 5) Re: BC-450 CONTROL BOX  
by "R. W. Downs - BLB, AL" <RWDowns\_WA5CAB@compuserve.com>

- 6) command set parts fs  
by JACK M IVERSON <jackiv@juno.com>
- 7) August '56 CQ Magazine Request  
by "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>
- 8) Re: August '56 CQ ad  
by "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>
- 9) What's Watt  
by "Rhett T. George" <rtg@ee.duke.edu>
- 10) UPS claims successes....how to....  
by john <johnmb@nc.rr.com>
- 11) Value of a T1154?  
by "Shirli Sieb" <sieb@sympatico.ca>
- 12) Re: UPS claims successes....how to....  
by Mike Feher <n4fs@monmouth.com>
- 13) Re: UPS claims successes....how to....  
by john <johnmb@nc.rr.com>
- 14) Re: UPS claims successes....how to....  
by Dan <hankarn@pacbell.net>
- 15) RE: UPS claims successes....how to....  
by "Richard W. Solomon" <w1ks@tiac.net>
- 16) RE: UPS claims successes....how to....  
by "John K9UWA" <k9uwa@arrl.net>
- 17) Yo ho ho  
by BEN NOCK <G4BXD@compuserve.com>
- 18) FS: Radio City Products tester, crystals, connectors, books  
by Avery Comarow <acomarow@usnews.com>
- 19) ADMINISTRIVIA: Over Quoting  
by listown@nanniandjack.com (Mail List Owner)

-----  
content-class: urn:content-classes:message  
Subject: RE: Interesting panel meter discovery  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="us-ascii"  
Content-Transfer-Encoding: quoted-printable  
Date: Wed, 19 Dec 2001 17:45:08 -0800  
Message-ID: <FB4B89C780FB274F8122447ED6CCDD77123694@ads-ems.archway.com>  
From: "Hubbard, Al" <ahubbard@archway.com>  
To: Old Tube Radios <boatanchors@theporch.com>

It's probably a watt meter as you guessed. I have a similar setup with a Frigidaire logo on the meter. It's a watt meter along with a voltage meter next to it in a leather bound carrying case. You plug the meter in the wall and there is an outlet included to plug the appliance into (most likely a Maytag wringer washer in your case!) My grandfather used it when he was in the appliance repair business back in the fifties. There was a switch to go between 110 and 220 as well as a low and high

wattage switch (factor of 10 I believe). I would guess these were standard test items for appliance repairmen in a long ago era.

Al Hubbard  
WA0PGC

-----Original Message-----

From: James C. Garland [mailto:4cx250b@miavx1.acs.muohio.edu]  
Sent: Wednesday, December 19, 2001 5:18 PM  
To: Old Tube Radios  
Subject: Interesting panel meter discovery

Hi Gang,  
I came across a Simpson "Wideview" panel meter that I'd never seen before, and I wonder if anybody knows anything about it? The meter has a Maytag logo on the dial, which has a linear scale labeled "Watts." At first I assumed the movement was probably a mA meter, but then I noticed four terminals on the back, two labeled current and two labeled voltage.

I've now tried it out on my test bench, and discovered that it really does read watts. I hooked the current terminals in series with a load, and ran clipleads from across the load to the voltage terminals, and it actually measures the power dissipated in the load. The reading is independent of the current polarity and works on AC or DC. I found that 1Amp at 75 volts reads 75 watts, as does 3 Amps at 25 Volts, etc. 75 Watts appears to be full scale. The meter seems very accurate (within a few percent ). Somehow it multiplies the current by the voltage, and displays the product on a linear scale. I have no idea how it works.

By any chance, does anybody know the ratings of this meter? Obviously, there must be current and voltage limitations on the movement. (Although

750 Amps at 0.1V would give 75 Watts, I'm pretty confident the meter couldn't handle it! Ditto 7,500V at .01A) I thought I was pretty knowledgeable about such things, but I've never heard of this kind of meter before.

Now I've got to figure out what to use it for; it's too ingenious for me to let it languish in my junkie box.

73,

Jim Garland W8ZR

-----  
Content-Class: urn:content-classes:message  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-ID: <2866901c188a7\$695468a0\$5ac8ca0a@cpiawebsa02>  
Date: Wed, 19 Dec 2001 08:08:35 -0800  
From: "Dan" <hankarn@pacbell.net>  
Subject: Re: [Collins] SP-600 Re-cap info  
Cc: <collins@qth.net>, "Don Reaves" <w5or@home.com>, <Milsurplus@qth.net>,  
"Old Tube Radios" <boatanchors@theporch.com>,  
"R-390 reflector" <R-390@qth.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Guys try Al Parkers WEB site at <http://www.thecompendium.net/radio/>.  
He has under SP-600 info Ray Vasek's re-cap info plus it is in an issue  
of ER last year and also in HSN. I forgot all about them.  
I am forwarding Tom Lairds info with this as a starter.  
I do not feel there is any reason to bother Tom or Al as this will keep  
you busy for a while just digesting the info. I have 8 of them and 6 of  
them need the help, 1 of them has been sold. Have a guy on the way to  
quote the re-cap and restoring for my customer.

Happy Holidays to all es 73  
Hank  
KN6DI

--  
Submissions collins@qth.net

--  
Sponsored by the Collins Radio Association  
<http://www.collinsra.com>

-----  
Date: Wed, 19 Dec 2001 18:24:55 -0800  
From: Arden Allen <gumbear@pacbell.net>  
Subject: Fw: Ray V's SP-600 drill  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-id: <0GOM00F0HEP004@mta5.snfc21.pbi.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=ISO-8859-1  
Content-transfer-encoding: 7bit

Hi Marty;

> .....  
> Next I say bull on all the blither changing out every BBOD which  
> I guess is a insider's name for a Sprague Black Beauty cap from the  
> 50s.  
> .....

Now THAT's what I call a reasoned approach, .....almost. First, I agree with the approach that calls for analysis of the need to change caps.

In low impedance circuits a cap can leak like crazy but its insulation resistance will never come close to the circuit resistance it would be shunting. Cathode bypass caps being the best example. But here's the catch you didn't mention, Marty: Temperature. When the receiver is all closed up in its cabinet it will be a bit toastier inside, particularly in those 'plantation' shacks down South during the summer. Leakage increases approximately exponentially with temperature. Add some high voltage stress and it gets worse. The results of a room temperature test ("Apply 300V B+ to set w. filaments off....") of leakage can be a bit Pollyannish. You mentioned the plate blocking cap feeding the audio output amp (".....check 6AQ5 output for trace B+ on grid & do it's BBOD."). I ferget the circuit there but that's usually a good example of where things go wrong with heat. Lots of heat coming from the 6AQ5 itself. (BTW, my SP-600 has a 6V6. Did Hammar ever make them with 'Q5's?).

The BEST way is to do normal operation circuit analysis. Using a VTVM or DVM (IOW's, a high input resistance voltmeter), while the receiver is operating normally MEASURE the screen, control grid, AVC, and whatever voltages (using tube test adapters where necessary, like on the RF deck). Take readings while the BA is still cold and keep taking readings as things warm up. Allow this to go on for several hours. You may be surprised with the results. Like, "why does that cap leak so much and this one doesn't?" Squirt some coolant on a cap you suspect for a sanity check. Leakage ALWAYS increases with temperature (ref. Freddie what's-his-name) so it's a never-fail test. Change any caps that are suspicious in their apparent behavior and if you have to go into the RF deck to "route out" [ref. G. Bush] a bad cap you might just as well change them all in there.

So it appears the best approach is the half-way method. Do the bad half (or 1/3, 2/3, 19/32, etc.) and don't waste the effort on the benign parts. For those who don't like half-way means I recommend a visit to [www.despair.com](http://www.despair.com). Happy holidays to all and keep them irons hot.

Arden Allen KB6NAX Vallejo, CA [gumbear@pacbell.net](mailto:gumbear@pacbell.net)

-----  
Message-ID: <000a01c188fe\$2de46ca0\$7482d1d8@b1yhpg64>  
From: =?iso-8859-1?Q?Andr=E9\_Guibert?= <[aguibert@sympatico.ca](mailto:aguibert@sympatico.ca)>  
To: Old Tube Radios <[boatanchors@theporch.com](mailto:boatanchors@theporch.com)>  
Subject: Fw: Interesting panel meter discovery

Date: Wed, 19 Dec 2001 21:29:04 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Bonsoir to All  
Does the old formulas still apply?  
AC: Volts x Amps x Power Factor = Watts  
      Volts x Amps                               = VA  
DC: Volts x Amps                               = Watts  
Andre  
Retired HV senior tech.

-----  
Date: Thu, 20 Dec 2001 07:23:59 -0500  
From: "R. W. Downs - BLB, AL" <RWDowns\_WA5CAB@compuserve.com>  
Subject: Re: BC-450 CONTROL BOX  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-ID: <200112200724\_MC3-EB60-3772@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain;  
charset=ISO-8859-1  
Content-Disposition: inline

Jack,

I agree with Dave. There's still a significant percentage of radio people around who are making 21st century salaries and paying 21st century prices for everything else who think that any radio made in the 40's or 50's ought to still go for what it did in the 60's.

However you decide to go about getting rid of it [other than the landfill method:-( ], I'd recommend offering the connectors individually and separate from the control box itself. I don't collect Command Sets anymore, but because I have several storage buildings full of junk (er uh= valuable electronic communication equipment) and lots of connectors, I do= get the occassional letter, email or phone call. They usually start out "the only thing I'm missing is xyz". With Command Sets, it's usually one= of the plugs, one control box, or a rack of some sort.

Jack wrote:

> I found this the other day and want to know what the value  
may be. not complete,...

To which Dave replied (in part)

>If you attempt to sell it here directly or at a hamfest,  
\$20 at most (and they'll ask you to pay shipping).  
Odds are better then 70% you'll get no takers at all.

If you sell it on Ebay, you will get \$30-\$40 if you don't  
advertise it and as much as \$70 if you do. =

About \$30 each for the two plugs if you sell them seperately. =

<

73

Robert W. Downs

<rwdowns\_wa5cab@compuserve.com>

Houston, TX/Bayou LaBatre, AL

-----  
To: Old Tube Radios <boatanchors@theporch.com>

Date: Thu, 20 Dec 2001 08:01:41 -0600

Subject: command set parts fs

Message-ID: <20011220.080204.-386073.4.jackiv@juno.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

From: JACK M IVERSON <jackiv@juno.com>

I have 2 connectors for the command set control boxes \$10.00  
each plus post.

one 3 reciver control box (coffee grinnder) knobs  
missing, two of the wing type knobs still there

The back plate is there but no screws.  
one vol cont. pot gone. \$20.00 plus post.

Jack Iverson jackiv@juno.com

HAPPY HOLIDAYS TO ALL

-----  
Message-Id: <5.1.0.14.2.20011220100042.00a82b88@miavx1.muohio.edu>



Date: Thu, 20 Dec 2001 10:12:00 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>  
Subject: August '56 CQ Magazine Request  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Gang,  
I'm working on an article & webpage on the Regency ATC-1 converter, which I believe to be the world's first amateur product using transistors (please correct me if I'm wrong.). I think an ad for the ATC-1 appears in the August '56 CQ. I'd really appreciate it if somebody would scan the ad and email it to me.

Incidentally, Regency (then known as I.D.E.A.) marketed the first transistor radio in 1954. Whether that was a step forward or a step backwards depends on one's point of view. Known as the TR-1, the radio had four Ge transistors and sold for about \$50.

73,  
Jim Garland W8ZR

-----  
Message-Id: <5.1.0.14.2.20011220120131.00a9c9f0@miavx1.muohio.edu>  
Date: Thu, 20 Dec 2001 12:02:54 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>  
Subject: Re: August '56 CQ ad  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

HI Gang,  
>Thanks to Mike,N4FS, I now have a scan of the Regency ad. I appreciate  
>everybody's help and interest.

73,  
Jim W8ZR

-----  
From: "Rhett T. George" <rtg@ee.duke.edu>  
Date: Thu, 20 Dec 2001 12:27:01 -0500 (EST)  
Message-Id: <200112201727.fBKHR1t22272@gifthorse3.ee.duke.edu>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: What's Watt

- Greetings -

There is more than a century of history regarding electric meter technology. It is all interesting.

The meters with which we may be most familiar have moving coil inside a fixed-position, permanent-magnetic field, known as D'Arsonval movement. [In Europe the movement may be known as a Weston movement.] By changing the shunt or series resistance it can serve as an ammeter of various ranges or (series) a voltmeter of various ranges.

The wattmeter has a moving-coil sensing voltage inside a fixed-coil sensing current. Both are designed to have very little inductive reactance compared to resistance so that the currents in the two coils are in phase. This means that the pull on the needle hairsprings is proportional to the current in the moving coil times the strength of the magnetic field \* if \* they are in phase. If the current in one coil is 90 degrees out-of-phase with that in the other, then 50% of the time the needle will be pulled up-scale and 50% of the time pushed down- or off-scale. This is consistent with no power consumed for a pure reactance where the voltage and current are 90 degrees out-of-phase. For in-between phase shifts, the cosine of the angle between voltage and current waveforms times voltage times current gives the component of volt-amperes which is real power (watts).

If a VAR meter is desired, one of the two wattmeter coils has circuitry changed so that its impedance is highly reactive.

Hope this helps.

73 and Merry Christmas

Rhett - KE4HIH

-----  
Message-Id: <3.0.3.32.20011220154413.013a5d7c@pop-server.nc.rr.com>

Date: Thu, 20 Dec 2001 15:44:13 -0500

To: Old Tube Radios <boatanchors@theporch.com>

From: john <johnmb@nc.rr.com>

Subject: UPS claims successes....how to....

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Just wanted to let you know, that you CAN fight city hall (in this case, UPS)....with the kind help of John K9UWA, I got a damage claim for the (once mint) Zeus modulator, and also full payment (plus the radio) for the Eldico SSB100M transmitter.

Here's some hints:

\*Dont be in a hurry. The latter settlement took about 3 months. The former about 2.

\*Save everything...the box, the packing, everything.

\* If you have a digital camera, take a lot of pics of the arrival condition. A conventional camera will work too, it's just not as handy to send e-photos.

\*Do NOT let them take the radio (unless you WANT it gone!). They will pay damages and leave you with the radio, if you say it is repairable. They can come estimate it even if you're not home. Leave a BIG tag on it saying "DO NOT TAKE...REPAIR CLAIM ONLY". on it. In both claims a driver came multiple times to pick up the item, even though I had made it clear I did not WANT it to be picked up, merely inspected. In both cases the inspector was aware of this, and did his/her job promptly, but evidently the claims department doesnt talk to the drivers very often.

\*If you dont hear from them, pursue them. I found in both these instances, they would would simply wait for information...without asking for it. If nothing seems to be happening, call them, and even if you're the ship-ee (they will always say that the only transacting can be with the shipper...which

is correct) they WILL answer specific questions, like "are you waiting on something"? Invariably, when nothing was happening, a call would produce an answer like: "why yes, we're waiting on the repair estimate", or "yes, we're waiting on the proof of value."...or "yes, the claims inspector did visit your house, we're waiting for information from the shipper." .When I called the shipper and asked, they both mentioned that UPS had never contacted them for more information.

I think they just plan to out wait you.

\*MAKE SURE that the shipper gets the claim number and gives it to you. Without this, I've found that you're sunk, as far as dealing with their Claims group.

\* The claims group has an internet address: [customer.service@ups.com](mailto:customer.service@ups.com) and they answer pretty rapidly.

\* The packing doesnt have to be perfect, or double boxed. In neither case of mine, it was not a good job of packing, and I would not have accepted the package for shipment. However, since they DID, they appear to (grudgingly) accept responsibility.

\*Be persistant. I found that things move relatively rapidly if you dog them. I also found that there are a LOT of "wait states" such as above.

\* Dont work on the piece until the claim is completed (the hard part).

\* If you need a "statement of value" Ebay screen prints, and professional estimates (there's helpful folk on this list who own small radios businesses and were just great in providing such help) will suffice.

Its a lot of work, but to me, it's worth it (besides, it's always a challenge to me to finesse' a bureaucracy...and UPS is certainly one of those!). I've gotten satisfaction (monetarily at least) for 100% of my claims...although Id have much preferred to have the original radio! I also think, for every claim, it's a few hundred less dollars they get to keep. Sooner or later perhaps they'll treat our treasures with the care we contract with them for (but rarely receive).

I hope this has been of some help...and or encouragement!

Merry Christmas and happy New Year to the listmembers.

73

John wb5oau/4

-----  
From: "Shirli Sieb" <sieb@sympatico.ca>  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: "Glowbugs" <glowbugs@piobaire.mines.uidaho.edu>  
Subject: Value of a T1154?  
Date: Thu, 20 Dec 2001 16:25:19 -0500  
Message-ID: <LOBBJHOL00HLIPLONIAFEELAEEKAA.sieb@sympatico.ca>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

From: Ed Sieb, VA3ES

As part of a deal, I have acquired a T1154 transmitter in excellent condition, complete with it's military green wooden packing crate.

Since I'm not a collector, and it's outside my range of interest, I'm going to sell it to someone who either needs it, or will appreciate it! (Or both!).

I'm trying to determine what the current market value is for these transmitters. Does anyone on the list have any idea what they typically sell for? Anyone have any idea as to the "going rate" on these old rigs? I'd like to get an idea of the "ball-park" value of these things so I neither over-price it nor under sell it.

TIA,

vy 73,

Ed, VA3ES

~~~~~  
Ed Sieb, VA3ES va3es@rac.ca
P. O. Box 8377, Ottawa Terminal, Ottawa, Ontario, K1G 3H8
613-738-8924 (H)
AMI #529 Canadian Division Director.
Member - Radio Club of America, QCWA, AWA
Net Manager - Canadian Boat Anchor Net (3745 Kcs)
~~~~~

-----  
Date: Thu, 20 Dec 2001 17:53:08 -0500  
From: Mike Feher <n4fs@monmouth.com>  
Subject: Re: UPS claims successes....how to....  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-id: <002c01c189a9\$190c4f40\$20c5be18@n4fs>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

No wonder their rates are high and they are more choosy in what they will accept (UPS). It is totally unethical to have them pay repair, or any, claims on improperly packed items. The person that needs to make it correct is the sender, not the carrier. 73 - Mike

Mike B. Feher, N4FS  
89 Arnold Blvd.  
Howell NJ, 07731  
(732) 901-9193

-----  
Message-Id: <3.0.3.32.20011220181011.013a9bf4@pop-server.nc.rr.com>  
Date: Thu, 20 Dec 2001 18:10:11 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: john <johnmb@nc.rr.com>  
Subject: Re: UPS claims successes....how to....  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Depends on how you look at it. They accept the package for shipping, after inspecting it at the counter. At that point they accept responsibility to ship the parcel and not destroy it.

If it's not adequately packed, that's the time to object, not after the fact.

Best

John wb5oau/4

At 05:53 PM 12/20/01 -0500, Mike Feher wrote:

>No wonder their rates are high and they are more choosy in what they will  
>accept (UPS). It is totally unethical to have them pay repair, or any,  
>claims on improperly packed items. The person that needs to make it correct  
>is the sender, not the carrier. 73 - Mike

>

>

>

>Mike B. Feher, N4FS

>89 Arnold Blvd.

>Howell NJ, 07731

>(732) 901-9193

>

>

>

>

-----  
Date: Thu, 20 Dec 2001 15:32:21 -0800

From: Dan <hankarn@pacbell.net>

Subject: Re: UPS claims successes....how to....

To: Old Tube Radios <boatanchors@theporch.com>

Cc: Old Tube Radios <boatanchors@theporch.com>

Message-id: <3C227505.E5AE484@pacbell.net>

MIME-version: 1.0

Content-type: text/plain; charset=us-ascii

Content-transfer-encoding: 7bit

I have been in the professional packing and shipping business since 1980, and do a very good job of packing. All you have to do is go to a sort , or follow a couple of trucks and watch how they handle any and all of the packages.

Due to UNION contracts they cannot be held responsible for any damage. I have watched them roll BA's out of the truck and drop them wherever. I have had packages delivered with holes in them and tire tracks etc.

I HAVE COMMENTED MANY TIMES ON THE REFLECTORS TO THE ABOVE. Plus they have no special handling in their tariffs.

I have never had any trouble in collecting from UPS for loss, damage or repairs. If they start the BS just say we will see you in Small Claims court.

The SHIPPER is the only person that can file a valid claim. His customer or the consignee is responsible for providing the correct documents to support the claim. CHEAP packing brings on claims.

GOOD packaging arrives in GOOD shape.

MBE etc. is not an example of GOOD packaging in any way shape or form.

Happy Holidays

Hank

KN6DI

-----  
From: "Richard W. Solomon" <w1ksz@tiac.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: "Boatanchors" <boatanchors@theporch.com>  
Subject: RE: UPS claims successes....how to....  
Date: Thu, 20 Dec 2001 19:04:28 -0500  
Message-ID: <LOBBJFMMJJCIMDIAGBJLOEPLGJAA.w1ksz@tiac.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

How can you make such a blanket condemnation of MBE ???

I have used one of the local franchises with great success,  
not one instance of loss yet.

Like any endeavor, it comes down to the individual. If the  
MBE takes care in packing your BA will arrive safely, if not ...

73, Dick, W1KSZ

-----Original Message-----

From: owner-boatanchors@theporch.com  
[mailto:owner-boatanchors@theporch.com]On Behalf Of Dan  
Sent: Thursday, December 20, 2001 6:32 PM  
To: Old Tube Radios  
Cc: Old Tube Radios  
Subject: Re: UPS claims successes....how to....

I have been in the professional packing and shipping business since  
1980, and do a very good job of packing. All you have to do is go to a  
sort , or follow a couple of trucks and watch how they handle any and

all of the packages.

Due to UNION contracts they cannot be held responsible for any damage. I have watched them roll BA's out of the truck and drop them wherever. I have had packages delivered with holes in them and tire tracks etc.

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GOOD packaging arrives in GOOD shape.

MBE etc. is not an example of GOOD packaging in any way shape or form.

Happy Holidays

Hank

KN6DI

-----  
Message-Id: <200112210343.WAA27002@marconi.concentric.net>

From: "John K9UWA" <k9uwa@arrl.net>

To: Old Tube Radios <boatanchors@theporch.com>

Date: Thu, 20 Dec 2001 22:46:30 -0500

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT

Subject: RE: UPS claims successes....how to....

> I HAVE COMMENTED MANY TIMES ON THE REFLECTORS TO THE ABOVE. Plus they have  
> no special handling in their tariffs.

> Hank

> KN6DI

Hank your wrong here.....They do have a Special Handling.....

They Call it "High Value" and it starts at \$1,000.....If you insure  
an item with UPS for 1K.....costs you a whole \$3.15 above the standard  
shipping price with \$100 insurance.....

At that point.....two things happen.....

#1.....Every UPS employee that touches

that box has to sign their little clipboard....that He/She received that box in  
good condition.....You call this accountability.....cause if you damage  
the box.....the next guy is going to turn you in.....

#2.....they don't run them down the Conveyors in the sort.....both due to the  
high insurance

value.....and the fact that they have to sign for receipt.....



John k9uwa

John Goller, K9UWA & Jean Goller, N9PXF  
Antique Radio Restorations  
k9uwa@arrl.net  
Visit our Web Site at:  
<http://www.JohnJeanAntiqueRadio.com>  
4836 Ranch Road  
Leo, IN 46765  
USA  
1-219-637-6426

-----  
Date: Fri, 21 Dec 2001 05:25:36 -0500  
From: BEN NOCK <G4BXD@compuserve.com>  
Subject: Yo ho ho  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-ID: <200112210526\_MC3-EB58-EE50@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain;  
charset=ISO-8859-1  
Content-Disposition: inline

A merry Xmas to all, have a white day and hope all  
your tubes are warm. =

Mosselltoff, Kalashnikoff and happy Honika.

cheers, Ben G4BXD.

-----  
Message-Id: <4.2.2.20011221114545.00aba810@ntpop.usnews.com>  
Date: Fri, 21 Dec 2001 11:55:04 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Avery Comarow <acomarow@usnews.com>  
Subject: FS: Radio City Products tester, crystals, connectors, books  
Mime-Version: 1.0  
Content-Type: multipart/alternative;  
boundary="===== \_69870167==\_.ALT"

--===== \_69870167==\_.ALT  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Radio City Products 668 Multitester, mid-'40s instrument described in the

manual as "a vacuum tube-voltohm-capacity meter." Measures DC and AC 0.1 to 6,000 volts in six ranges with input resistance of 160 megohms (nope, not a typo) for 1,500 and 3,000 volt ranges, 16 megs for lower ranges. Resistance: 0.1 to 1,000 megohms. Capacitance: 50mmf (pf, if you prefer) to 2000mf. Tubes: 6K6, 6X5, VR105. Working condition unknown--too many projects for me to take time to bring it up slowly on a Variac. Line cord is good. Overall cosmetic condition is very good for its age--panel is VG-E, cabinet front and sides are VG with a small area of rust around one end of the handle; back is G. No probes. With original manual, in very good shape and worth quite a bit alone. \$25.

#### Crystals:

I'd like to sell these as a lot for \$24, shipping included.

CR-23/U holders: 52.85000 mc, 50.27000 mc, 34.9000 mc, 10012.5 kc

FT-243 holders: (2) 8323.333 kc

#### Connectors:

Large Amphenol military connector, AN 3108-16-10P (3 large male pins) connector mated with AN 3057-8 right-angle cable clamp. Looks unused. \$4  
CN 49120 thru-chassis connector, single large center pin. Unused. \$2

#### Books:

TM 11-455 Radio Fundamentals, July 17, 1941, 142 pages, paper, VG condition, \$8

Color Television Fundamentals by Milton S. Kiver, McGraw-Hill, 1955, hardback, 312 pages, VG condition, \$8

Shipping extra except as noted.

73, Avery W3AVE in Potomac, Md.

--=====69870167==\_ALT

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

```
* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
*      (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
*      If your postings display this message your mail program *
*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

--=====69870167==\_ALT--

-----

Message-Id: <200112211915.fBLJF0IW021089@osr506.nanniandjack.com>  
From: listown@nanniandjack.com (Mail List Owner)  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: ADMINISTRIVIA: Over Quoting  
Date: Fri, 21 Dec 2001 11:15:00 -0800 (PST)

Gang-

Apparently the gentle nudge and suggestion approach to the issue of improving the quality of posts to the BoatAnchors list, and maintaining our excellent (and high) signal to noise ratio is falling on DEAF EYES!

PLEASE READ THIS AND SAVE IT BECAUSE IT IS IMPORTANT!!!

The list culture is to include only those portions of a prior post that are required to maintain the context of your comments. We have always tried to reduce the amount of "chaf" on the list, and this is one good way.

In private mail between you, a subscriber, and me, as list manager, I really don't care one way or the other, but when posting to the list, there are at least two issues of concern:

- 1) the increased bandwidth from including extra text.  
With the trial subscriptions and full members, the number of copies of each post mailed out change the impact of each extra word so that each single character becomes 1,000 characters of mail!
- 2) by not editing out included text, it sends a not at all subtle message to the list, that the poster considers his/her own time required to merely swipe his mouse across the text and tap the delete key, to be more valuable than the collective time and energy of the 600-700 readers on the list... not exactly a "positive" message! ;^)

This isn't rocket science... you place the pointer at the top of the message you are including \*parts\* of, and click-drag to where you need to include, and then hit the backspace or delete key... painless, easy, quick, and very helpful to the list.

PLEASE begin to pay attention to this... those who consistently can not be bothered to be considerate of the list will forfeit posting privileges and risk not being invited back for membership.

Treat the list as a symposium. In such an environment, with 600 others attending who have paid to be there, it is unlikely you would repeat someone else's portion of a conversation in its entirety as part of your own remarks... it would become very tedious, very quickly, if you did... especially if you repeated even the closing signature block of

the previous message.

Thanks for your understanding and help in making the boatanchors list have the highest signal to noise on the InterNet.

--

73

Jack, W4KH/Mobile - - - BoatAnchor Mailing List Owner - - -  
listown@nanniandjack.com - "Plus ca change, plus c'est la meme chose"  
"Il n'y a que les idiots qui ne changent jamais d'idee"  
Fri Dec 21 11:15:00 PST 2001

-----  
End of BOATANCHORS Digest 3271

\*\*\*\*\*

20011229.ba.v03\_n2720100644000007200000310000006525507414301220013337 0ustar  
modenaftp-admin20011229.ba v03\_n272.bam.20011229

>From ???@??? Sat Dec 29 12:28:38 2001 -0600  
Message-Id: <200112291828.fBTISVix000939@sco.theporch.com>  
Date: Sat, 29 Dec 2001 18:28:01 GMT  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 3272

BOATANCHORS Digest 3272

Topics covered in this issue include:

- 1) Fw: Mixer/AGC Questions  
by "Dan Martin" <dmartin@visuallink.com>
- 2) S38 F-S  
by "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
- 3) Re: Yo ho ho  
by "ed sharpe" <esharpe@uswest.net>
- 4) Stuff wanted and Seneca panel available  
by "Tom Smith" <tsmith@hal-pc.org>
- 5) FS: National NC-88  
by Avery Comarow <acomarow@usnews.com>
- 6) Value of a BA  
by GeorgeHumphrey <gah@koyote.com>
- 7) 3C30 Tube  
by "ROBERT W. DOWNS" <RWDowns\_WA5CAB@compuserve.com>
- 8) Re: 3C30 Tube  
by "ed sharpe" <esharpe@uswest.net>
- 9) Seasons Greetings

- by w5sum@glowbugs.com
- 10) Re: 3C30 Tube and Sibley's Tube Lore  
by e <ejones@hiwaay.net>
  - 11) Re: 3C30 Tube and Sibley's Tube Lore  
by "Sandy W5TVW" <ebjr@i-55.com>
  - 12) Re: 3C30 Tube and Sibley's Tube Lore  
by JACK M IVERSON <jackiv@juno.com>
  - 13) Re: 3C30 Tube and Sibley's Tube Lore  
by "Don Davis" <dxguy@earthlink.net>
  - 14) Merry Christmas and Happy New Year to Everyone!!!  
by Liles and Naomi Garcia <naomi@ftconnect.com>
  - 15) Green lights for the season  
by "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
  - 16) Homebrew Project  
by "Gary Franklin" <franklin@net-link.net>
  - 17) ADMINISTRIVIA: A Few Does and Donts  
by listtown@nanniandjack.com (Mail List Owner)
  - 18) Collins KWS-1 / 75A-4 For Sale  
by "Gary Franklin" <franklin@net-link.net>
  - 19) Please help me find RF ammeter  
by Joe Eide <jeide@execpc.com>
  - 20) Robert Nordenswan, designer of headsets, microphones weco theatre speaker  
drivers and whose very hand molded the shape of the lump of clay as a model for  
the first bell handset....  
by "ed sharpe" <esharpe@uswest.net>
  - 21) Re: Homebrew Project  
by "Don Davis" <dxguy@earthlink.net>
  - 22) How to suspend?  
by "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>
  - 23) Re: How to suspend?  
by Norm Flasch <flasch@cushy.ece.nwu.edu>
  - 24) C-line rubber rings  
by Jim Condon <jcondon@NRAO.EDU>
  - 25) Dentron DTR-2000L  
by "Ed White" <wa3bzt@wserv.com>

---

Message-ID: <007501c18a58\$68c9df20\$47669bd0@dmartin>  
From: "Dan Martin" <dmartin@visuallink.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Fw: Mixer/AGC Questions  
Date: Fri, 21 Dec 2001 14:48:04 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> Going through a 390A here with a small laundry list of little irregularities  
> and have two questions to put before the group. For some background  
> perspective on question one, you may first reference Osterwald's excellent  
> article in the Nov. ER Magazine on the origins of 390A AGC response.  
>  
> 1. In both the Army TM and Y2K manuals, is it a typo in the voltage charts  
> that declares -2.5V on pin 2 for both the 4th IF amp and AGC IF amp? These  
> pins are the suppressor grids and derive their bias from the junction of  
> R546 and R547. The circuit theory explains that a slightly positive  
voltage  
> is maintained at this junction and is applied to the suppressor grids of  
the  
> 4th IF amp and the AGC IF amp. (The ER article goes into much more  
detail.)  
> My pins read +2.5V. However, the TM and Y2K voltage charts clearly  
declare -2.5V. Which  
> is right?  
>  
> 2. I'm getting a +0.5V bias on pin 6, the first mixer grid, instead of  
> -0.4V. The grids of the other two mixers (all AGC controlled) are OK at  
> -0.4V. Grid emission, maybe? Plus, I'm getting infinite, or open, on the  
> resistance reading to ground for pin 6 of the first mixer. This is true  
both  
> for AGC and MGC switch positions. Normal should be 1.6 Mohms. Resistance  
to  
> ground on the other mixer grids is OK. Apparently, the grid-to-ground  
> resistance is determined by a two resistors and a small  
> choke in series to the AGC feed to the grid, PLUS the AGC line  
> when in AGC, and just those three components when in MGC (the AGC line is  
> grounded then.) I'm supposing one or the other or both resistors to be  
open,  
> maybe?  
>  
> Dan  
> WB4GRA

-----  
Date: Fri, 21 Dec 2001 16:58:23 -0500 (EST)  
From: "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>  
Message-Id: <200112212158.QAA25651@aa4rm.ba-watch.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: S38 F-S

It's a remarkably clean original 6-tuber. At a nearby antique store  
for \$59.95.

F'rinstance, cardboard back only missing 2 "louvre crossbars."

Somebody changed the electrolytic in recent years & it sits there playing talk radio.

Write & I'll put you in touch.

Marty

-----  
Date: Fri, 21 Dec 2001 21:22:55 -0700  
Message-ID: <001001c18aa0\$553d0f70\$0100a8c0@smeccxp>  
From: "ed sharpe" <esharpe@uswest.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Yo ho ho  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

No snow! please!  
if it snowed in Glendale/ phoenix they would all have car accidents as no one out here knows how to drive in it!

Thanks for all the good wishes!

ed!

----- Original Message -----  
From: "BEN NOCK" <G4BXD@compuserve.com>  
To: "Old Tube Radios" <boatanchors@theporch.com>  
Sent: Friday, December 21, 2001 3:25 AM  
Subject: Yo ho ho

A merry Xmas to all, have a white day and hope all your tubes are warm.

Mosselltoff, Kalashnikoff and happy Honika.

cheers, Ben G4BXD.

-----  
From: "Tom Smith" <tsmith@hal-pc.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Stuff wanted and Seneca panel available  
Date: Fri, 21 Dec 2001 20:58:16 -0800

Message-ID: <MBBBKFMLHOJMNNDLOIHCECDCAAA.tsmith@hal-pc.org>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Group,

Season's greetings to all. I hope the Holidays are good to you despite the negative events of this year and the economy downturn. Hang in there and the Lord will get you to the other side.

I have a nice front panel for a Heathkit Seneca available to a good home for shipping. It also has a fair number of parts attached but not the complete chassis.

I am trying to assemble a late 40s early 50s vintage broadcast station to go with my RCA 250K transmitter (late 40s vintage). I am searching for a monitor amp, a limiter/compressor amp and any associated gear made by RCA (the evil empire) during that time. I would also like to locate some 828 spares for the modulator and some 1620s for the audio. If you have any of this stuff available, please drop me a line.

Happy Holidays,  
Tom N5AMA

-----  
Message-Id: <3.0.6.32.20011222121109.00835d20@pop3.norton.antivirus>  
Date: Sat, 22 Dec 2001 12:11:09 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Avery Comarow <acomarow@usnews.com>  
Subject: FS: National NC-88  
Cc: National list <national@qth.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Cosmetically VG+ to E, all knobs original and intact. No dents or extra holes. Front panel has one extremely small scratch that I had to hunt for, a few typical scrapes on the top. Chassis is very clean, no corrosion. Previous owner installed a Knight 100kc xtal calibrator, for which I have an original manual, on top of the chassis. Line cord in good shape. Main tuning dial needs restringing. Said previous owner put dial scales under the nuts of three controls--five minutes with a socket wrench will take care of that.

Untested.

With manual.



\$75 plus shipping.

73, Avery W3AVE in Potomac, Md.

-----  
Message-Id: <3.0.6.32.20011222211317.007c4100@pop3.norton.antivirus>  
Date: Sat, 22 Dec 2001 21:13:17 -0600  
To: Old Tube Radios <boatanchors@theporch.com>  
From: GeorgeHumphrey <gah@koyote.com>  
Subject: Value of a BA  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi BAers,

I have a friend that has a nice looking B&W 5100, don't know if it is a plain or a B model. I want to make him an offer but since he is a friend I don't want to low ball or be too high either. Any ideas on what these old boys are worth?

George  
KC5WBV

-----  
Date: Sun, 23 Dec 2001 10:20:10 -0500  
From: "ROBERT W. DOWNS" <RWDowns\_WA5CAB@compuserve.com>  
Subject: 3C30 Tube  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-ID: <200112231020\_MC3-EBC6-B236@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain;  
charset=ISO-8859-1  
Content-Disposition: inline

Group,

I just acquired a Navy audio amplifier for the PAM-1 and found in it two 3C30 tubes. 4-pin w/plate cap, same physical size as an 807. Don't have=

anything in the database. Anyone know anything about them?

Robert Downs  
<RWDowns\_WA5CAB@compuserve.com>  
Houston

-----

Date: Sun, 23 Dec 2001 10:37:42 -0700  
Message-ID: <005301c18bd8\$86f5ff70\$4ad1e13f@smeccxp>  
From: "ed sharpe" <esharpe@uswest.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: 3C30 Tube  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

did you get the manual?

if not I may have to escalate the Pam manual scanning project! let me know if you find an extra amp we have two of the speakers at the museum.  
ed!

----- Original Message -----

From: "ROBERT W. DOWNS" <RWDowns\_WA5CAB@compuserve.com>  
To: "Old Tube Radios" <boatanchors@theporch.com>  
Sent: Sunday, December 23, 2001 8:20 AM  
Subject: 3C30 Tube

Group,

I just acquired a Navy audio amplifier for the PAM-1 and found in it two 3C30 tubes. 4-pin w/plate cap, same physical size as an 807. Don't have anything in the database. Anyone know anything about them?

Robert Downs  
<RWDowns\_WA5CAB@compuserve.com>  
Houston

-----  
From: w5sum@glowbugs.com  
To: Old Tube Radios <boatanchors@theporch.com>  
Date: Mon, 24 Dec 2001 07:21:04 -0600  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Subject: Seasons Greetings  
Message-ID: <3C26D760.15673.84D2E1@localhost>

Just wanted to take this moment to wish each and every one of you a very Merry Christmas and a safe and happy New Year

Ronnie & Family

-----  
Message-ID: <3C27897E.4B4@hiwaay.net>  
Date: Mon, 24 Dec 2001 12:01:02 -0800  
From: e <ejones@hiwaay.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: 3C30 Tube and Sibley's Tube Lore  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

de N4TGC Eric

RWD's Q about the 3C30 sent me to my First Ed., First Printing of Ludwell Sibley's Tube Lore, which reminded me of a serious glitch it has: while there is an "index" on page 186 (virtually worthless, since about all it has is manufacturer's names, which is just about the last thing I'm going to know, or care about, when trying to look up a tube), there is an index listed in the table of contents as being on page 192 - and there IS NO page 192!

Was this corrected in later editions? Does anyone have an actual index that applies to my edition, which lists which page a tube is on, of which they could make me a photocopy?

Okay, the 3C30 (hidden on page 1A21): transmitting triode, equiv. to (Hytron) HY30Z; fil. 6v @ 2.25a. also, {HD50} - Hytron development number, and <3G> base - explanation of the cryptics is hidden on page 5. Also also, the book gives the date-of-registry as 10-25-46, which can be deceptive: it may well have been introduced long before. For example, the 6F6, which is used in Frank Jones' 1936 "Radio Handbook", is shown as being registered 1-2-40 - four years later! It would be much more useful if the earliest known date of intro/application were given instead. Is this also corrected in later editions? Overall, the book is so badly laid out, it's painful to use - there just isn't anything else like it I know of! e

-----  
Message-ID: <003a01c18cb9\$6e647400\$739ccdd1@ebjr>  
From: "Sandy W5TVW" <ebjr@i-55.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: 3C30 Tube and Sibley's Tube Lore  
Date: Mon, 24 Dec 2001 14:27:01 -0600  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

>From what I have in "Vade Mecum", the tube looks like a dead ringer for

an 809. Ratings look almost identical. I would say that something designed for the 809 would work fine with the 3C30.

73,

Sandy W5TVW

-----  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: boatanchors@theporch.com  
Date: Mon, 24 Dec 2001 15:26:04 -0600  
Subject: Re: 3C30 Tube and Sibley's Tube Lore  
Message-ID: <20011224.152607.-611423.0.jackiv@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
From: JACK M IVERSON <jackiv@juno.com>

If you use the reference, as you should, you will find the tube is a lower plate dissipation and voltage much like an 811. not the "A" however. use in class B zero bias?.

I am sure that if you feel that the book "tube lore" is that bad- I will take it off your hands for a small amount, after all it is no good, right?? Happy Holidays to all.....

Jack Iverson jackiv@juno.com

-----  
Message-ID: <00db01c18cd5\$d50853e0\$f2e8b3d1@hppav>  
From: "Don Davis" <dxguy@earthlink.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: <tubelore@internetcds.com>  
Subject: Re: 3C30 Tube and Sibley's Tube Lore  
Date: Mon, 24 Dec 2001 15:50:55 -0800  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Pretty harsh comments for such a great book. As you said "...there just isn't anything like it..." which I surmise to be a comment about how "bad" the book is. I would say exactly the same: There just isn't anything like it. Period. It's a great reference work and the only thing like it to serve the collector community. Lud's a very nice guy, and is an important source of tube information, and, well - lore. He is very busy with the Tube Collector Association, and I hope he will do an update for us in the near future. I also have all of the RCA, Eimac, Vade Mecum, etc, etc, but find his book to be very valuable and interesting, despite a few quirks of organization. I keep a copy next to my computer / ebay machine.

73s and Merry Christmas

Don Davis AD6PB

----- Original Message -----

From: "e" <ejones@hiwaay.net>

To: "Old Tube Radios" <boatanchors@theporch.com>

Sent: Monday, December 24, 2001 12:01 PM

Subject: Re: 3C30 Tube and Sibley's Tube Lore

> de N4TGC Eric

>

> RWD's Q about the 3C30 sent me to my First Ed., First Printing of  
> Ludwell Sibley's Tube Lore, which reminded me of a serious glitch it  
> has: while there is an "index" on page 186 (virtually worthless, since  
> about all it has is manufacturer's names, which is just about the last  
> thing I'm going to know, or care about, when trying to look up a tube),  
> there is an index listed in the table of contents as being on page 192 -  
> and there IS NO page 192!

> Was this corrected in later editions? Does anyone have an actual index  
> that applies to my edition, which lists which page a tube is on, of which  
> they could make me a photocopy?

> Okay, the 3C30 (hidden on page 1A21): transmitting triode, equiv. to  
> (Hytron) HY30Z; fil. 6v @ 2.25a. also, {HD50} - Hytron development  
> number, and <3G> base - explanation of the cryptics is hidden on page  
> 5. Also also, the book gives the date-of-registry as 10-25-46, which  
> can be deceptive: it may well have been introduced long before. For  
> example, the 6F6, which is used in Frank Jones' 1936 "Radio Handbook",  
> is shown as being registered 1-2-40 - four years later! It would be  
> much more useful if the earliest known date of intro/application were  
> given instead. Is this also corrected in later editions? Overall, the  
> book is so badly laid out, it's painful to use - there just isn't  
> anything else like it I know of! e

>

>

-----  
Message-ID: <3C262DD6.DC0AA4EE@ftconnect.com>

Date: Sun, 23 Dec 2001 11:17:42 -0800

From: Liles and Naomi Garcia <naomi@ftconnect.com>

MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Merry Christmas and Happy New Year to Everyone!!!

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Good evening Fellow Boatanchor Afficianados,

>From our house to your house my wife and I would like to wish everyone a Merry Christmas and a Happy New Year and /or other Season's Greetings at this holiday time.

I plan to listen to Christmas carols and other music with my SX-42 using a 12 inch coaxial Jensen speaker. The combination should sound great!!

Best regards from Aloha, Oregon,  
Liles Garcia  
naomi@ftconnect.com

-----  
Date: Tue, 25 Dec 2001 09:06:45 -0500 (EST)  
From: "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>  
Message-Id: <200112251406.JAA11856@aa4rm.ba-watch.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: samrc@wdavis.net  
Subject: Green lights for the season

And red too.

But we're talking green at

<http://w1.871.telvia.com/~u87127076/eyes/index.htm>

The eyes have it - Merry Christmas

Marty

PS... forgot to ask Santa for a new EM85 \$/#!\*&mit.

-----  
Message-ID: <000901c18da1\$09fb4dc0\$908f59cf@netlink.net>  
From: "Gary Franklin" <franklin@net-link.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Homebrew Project  
Date: Tue, 25 Dec 2001 19:05:32 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I am looking for a good homebrew phone transmitter project from the late 1930's . Anyone have any suggestions?

Gary K8BKB

-----  
Message-Id: <200112251915.fBPJF5Mj008785@osr506.nanniandjack.com>  
From: listown@nanniandjack.com (Mail List Owner)  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: ADMINISTRIVIA: A Few Does and Donts  
Date: Tue, 25 Dec 2001 11:15:00 -0800 (PST)

Gang-

Here are the real basics of how to keep me happy, the list noise-free, and everyone able to enjoy BoatAnchors... Simple, easy, workable...

Do not send SPAM-type e-mail messages to the list.

Do not send attachments (attached files) of \*ANY\* sort to the list. This includes HTML shortcuts, v-cards, GEDCOM files, zipped files, and \*ANY\* other type of attachment.

Do not EVER forward virus warnings (which are 99%hoaxes) or send chain letters to the list.

Do not use HTML or RTF (rich text format) in messages sent to the list.

DO keep e-mail messages to the list on topic and appropriate.

Do not post commercial messages.

Please refrain from posting "Ebay" type auction notices. Refrain from "seen on EBAY" posts...

DO be polite.

Do not flame other members of the list.

DO be considerate of the list members and list resources.

DO have fun!

--

73

Jack, W4KH/Mobile - - - Mailing List Archiver/Owner - - -  
listown@nanniandjack.com - "Plus ca change, plus c'est la meme chose"

"Il n'y a que les idiots qui ne changent jamais d'idee"  
Tue Dec 25 11:15:00 PST 2001

-----  
Message-ID: <000901c18dde\$614a4d00\$8c8f59cf@netlink.net>  
From: "Gary Franklin" <franklin@net-link.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Collins KWS-1 / 75A-4 For Sale  
Date: Wed, 26 Dec 2001 02:24:36 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have the Gold Dust twins for sale which includes a replica (made by me)  
312A-1 speaker.

The KWS-1 is in very nice cosmetic condition and good operating condition.  
Serial #95. Was upgraded by the factory. Sports a pair of 4cx250B's in the  
final. Includes a 4 to 1 knob. A filament transformer in the power supply  
failed some years ago so I added solid state rectifiers. I had the  
transformer rewound (Peter Dahl) and re-potted in the original can. The  
power supply can easily be returned to original. The unit is wired for  
220vac. Includes the cooling hose, connectors and a DC antenna changeover  
relay. Manual included.

The 75A-4 is in very good condition. Includes a Dave Curry 6kc AM filter and  
a 3.1 kc SSB filter. Includes a 4 to 1 knob. Manual included. Serial #4612

The replica 312A-1 is made of wood. It has a lumaline lamp with the proper  
connectors. Includes a replica hood and grill.

I am selling these items as pickup only in Kalamazoo, Michigan. Prefer to  
sell as a package but will split up. Those who desire to purchase as a  
package will get first consideration. Units are sold as is. Photos are  
available via e-mail.

Price is \$3,500

Gary K8BKB

Phone (616) 372-8144

-----  
Message-ID: <3C291BD2.7924306A@execpc.com>  
Date: Tue, 25 Dec 2001 18:37:38 -0600  
From: Joe Eide <jeide@execpc.com>  
MIME-Version: 1.0



To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Please help me find RF ammeter  
Content-Type: text/plain; charset=iso-8859-1  
Content-Transfer-Encoding: 8bit

Merry Christmas!

Can anyone help me find an RF ammeter exactly like this?

The meter is a Simpson model 137 and has a 0 to 3 amp scale.

Thanks in advance for trying to help me.

73 .. Joe - KB9R

Please look at the URL below.

<http://www.execpc.com/~jeide/rfampmtr.jpg>

-----  
Date: Tue, 25 Dec 2001 20:32:39 -0700  
Message-ID: <018801c18dbd\$f9324080\$0100a8c0@smeccxp>  
From: "ed sharpe" <esharpe@uswest.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Robert Nordenswan, designer of headsets, microphones weco theatre speaker drivers and whose very hand molded the shape of the lump of clay as a model for the first bell handset....  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Greetings from the museum!  
had some sun time this evening so dug into a book of artifacts and photographs that had been brought to us.

Robert Nordenswan, designer of headsets, microphones weco theatre speaker drivers and whose very hand molded the shape of the lump of clay as a model for the first bell handset....

check this out at this web site, comments welcome this guy had an interesting time at the labs!

check out this webpage, wait for everything to load first..  
[http://www.smecc.org/robert\\_nordenswan.htm](http://www.smecc.org/robert_nordenswan.htm)

Ed Sharpe Archivist for SMECC

see the museum at:  
<http://www.smecc.org>

-----  
Message-ID: <032901c18e56\$ae5c49e0\$74e8b3d1@hppav>  
From: "Don Davis" <dxguy@earthlink.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Homebrew Project  
Date: Wed, 26 Dec 2001 13:45:47 -0800  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

The Taylor tube manuals have some nice units - and the Taylor tubes are always in style (and available on ebay). Some of the small taylor proprietary tubes (like the globe 756) are very interesting. And, obviously, the ARRL and Radio handbooks from the era.

73s

Don AD6PB

----- Original Message -----  
From: "Gary Franklin" <franklin@net-link.net>  
To: "Old Tube Radios" <boatanchors@theporch.com>  
Sent: Tuesday, December 25, 2001 4:05 PM  
Subject: Homebrew Project

> I am looking for a good homebrew phone transmitter project from the late  
> 1930's . Anyone have any suggestions?  
>  
> Gary K8BKB  
>  
>

-----  
Message-Id: <5.1.0.14.2.20011227145647.00ad7a08@po.muohio.edu>  
Date: Thu, 27 Dec 2001 15:02:26 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>  
Subject: How to suspend?  
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Gang,

Could somebody remind me how to suspend temporarily from the List? I'll be out of the country until mid-January. If you read this after 4pm EST, then you can ignore it because somebody else has probably already responded. Sorry to bother the list with this, but I've lost my instructions and can't think of anything else to do. Hope you all have a great New Years. I'll be in Sydney over New Years and then ZL-land for a couple of weeks afterwards. I'll check out the BA haunts while I'm there. If anybody can suggest places to visit, pse email me asap.

Tnx and keep em glowing!

Jim W8ZR

-----  
From: Norm Flasch <flasch@cushy.ece.nwu.edu>  
Message-Id: <200112272018.0AA05821@cushy.ece.nwu.edu>  
Subject: Re: How to suspend?  
To: Old Tube Radios <boatanchors@theporch.com>  
Date: Thu, 27 Dec 2001 14:18:07 -0600 (CST)  
CC: ba <boatanchors@sco.theporch.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit  
Content-Type: text/plain; charset=US-ASCII

Jim,

Leave the Subject line blank and send the following message to listproc@theporch.com:

SET BOATANCHORS MAIL POSTPONE

When you return, send the listserver the message (again leaving the Subject line blank).

SET BOATANCHORS MAIL ACK

If you are a digest subscriber, then send this message instead of the above.

SET BOATANCHORS MAIL DIGEST

Enjoy your holiday!

> Hi Gang,  
> Could somebody remind me how to suspend temporarily from the List? I'll be  
> out of the country until mid-January. If you read this after 4pm EST, then  
> you can ignore it because somebody else has probably already responded.  
> Sorry to bother the list with this, but I've lost my instructions and can't  
> think of anything else to do. Hope you all have a great New Years. I'll be  
> in Sydney over New Years and then ZL-land for a couple of weeks afterwards.  
> I'll check out the BA haunts while I'm there. If anybody can suggest places  
> to visit, pse email me asap.  
>  
> Tnx and keep em glowing!  
>  
> Jim W8ZR  
>

--  
Norm Flasch  
ECE Teaching Labs Manager  
Northwestern University  
Evanston, Illinois  
847-467-4387

-----  
Date: Thu, 27 Dec 2001 15:25:54 -0500 (EST)  
Message-Id: <200112272025.PAA23709@polaris.cv.nrao.edu>  
From: Jim Condon <jcondon@NRAO.EDU>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: C-line rubber rings

Drake C-line rigs have a rubber ring surrounding the brass sleeve on the tuning shaft which couples the PT0 shaft to the frequency dial plates. The ring on my TR4Cw has aged and dried enough that it slips on the sleeve and the dials don't keep up with the PT0 frequency. Is there a source for fresh rings? A good substitute? Should I just glue my old ring to the shaft sleeve?

Jim Condon, AD4YM

-----  
Message-ID: <002401c1907e\$11de87c0\$55bc69ce@EWHITE>  
From: "Ed White" <wa3bzt@wserv.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Dentron DTR-2000L  
Date: Sat, 29 Dec 2001 10:32:46 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi Gang:

Looking for someone that has mods on the Dentron DTR-2000L amp and knows how to align the ALC to a TS-940. I am sure there are mods out there to improve the output and protection ckt.

Ed WA3BZT

wa3bzt@wserv.com

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End of BOATANCHORS Digest 3272

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